INVENTORY OF AGRICULTURAL RESEARCH

VOLUME III

(Table V)

Scientist Years by Research Program Group (RPG) and Research Program (RP)

FISCAL YEAR 1977

Fiscal Year 1977 covers the period from October 1, 1976 through September 30, 1977

This report was compiled from data supplied to the Current Research Information System, Technical Information Systems, by USDA Research Agencies, State Agricultural Experiment Stations, Forestry Schools, and Other Cooperating Institutions.

Issued by

TECHNICAL INFORMATION SYSTEMS
SCIENCE AND EDUCATION ADMINISTRATION
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BELTSVILLE, MARYLAND 20705

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	RPG
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Foreign Region 1 - Northeast Region 2 - Southern Region 3 - North Central Region 4 - Western	2 2 3 3
Country/State Summaries by Region Foreign	
Australia, Argentina, Canal Zone, El Salvador France, Italy, Jamaica, Japan	4 5
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Region 1 - Northeast	
Connecticut Delaware District of Columbia	9 9
Maine	10 10 10

New Hampshire

New Jersey

New York

Pennsylvania

Rhode Island

Vermont

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Region 3 - North Central
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South Dakota
Wisconsin
Santan A. Hantour
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California
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Hawaii
Idaho
Montana
Nevada
New Mexico
Oregon
Utaň
Washington
Wyoming
Guam

INTRODUCTION

les compiled annually since 1966, on research conducted to Agricultural Experiment Stations, Forestry Schools, a perating Institutions. The tables were designed to assistance out the "ioint research program planning, evaluated to the program planning, evaluated to the program of the program planning, evaluated to the program of the pr

Inventory of Agricultural Research is a collection of s

carry out the "joint research program planning, evaluated in the long-range study, A Nation Research for Agriculture, published in October 1966. In vided to the Current Research Information System (CRIS) earch agencies on Forms AD 416, AD 417, and AD 418, and

cultural Experiment Stations and other Institutions on 16, AD 417 and AD 419. (See Table of Contents)

Inventory is composed of five tables published in three

ame I (Tables I-A and I-B) reports scientist years and a is by each performing organization, by designated Resear a (RPA) and Commodity subdivisions. The I-A Tables show X Commodity; I-B Tables show total research for each Repolem Area.

ame II includes Tables in the II, III and IV series. Take readers and funds for State Agricult Stations, Forestry Schools, Other Cooperating Institut agencies. Tables in the III series show funding data earch by source of funds. Tables in the IV series show

earch by source of funds. Tables in the IV series show State stations and other non-Federal institutions by so is.

II-B, III-B, and IV-B Tables show a breakdown of the da

modity classification used in the Long-Range Study. The Down of the 98 Researces (RPA) used in the Long-Range Study. The II-E, III-E, les provide summaries of funds and scientist years by action.

le V in Volume III shows scientist years by Research Pro G) and Research Program (RP). RP's and RPG's are made to binations determined by type of research (Agricultural of modity, and Research Problem Areas (RPA) classification opearing in Volumes I and II are gross figures. This means the dot of the specific research projects but considered to be an integet of doing research are prorated to the appropriate research pand amount of funds not allocated to projects varies among the

encies. It usually includes administration, supervision, and all services. It may include publications and statistical serven of research farms, and other expenditures that relate to see. Prior to Fiscal Year 1972 Tables III and IV in Volume II r

Work Unit/Project Classification - Listings of the appropria tegories are included in each of the volumes. More complete d ication can be found in the "Manual of Classification of Agric Research" available from the Agricultural Information Divisition Systems, U.S. Department of Agriculture.

cation on individual Research Work Unit/Projects are provided outs used only one line. For example, a project carried out b control of cotton insects would be coded: ctivity" - 4500 (Insect Control), "Commodity" - 2100 (Cotton)

ctivity" - 4500 (Insect Control), "Commodity" - 2100 (Cotton) eld of Science" - 0412 (Entomology), "Problem Area"- 207 asect pests of Field Crops) - 100% outs (projects) could not be classified on a single classifica apple, a project carried out by a geneticist on breeding corn f

the person preparing the input form, three-fourths of the emperson preparing the input form, three-fourths of the empersistance and one-fourth on yield, the lines would be:

ctivity" - 4600 (Disease control), "Commodity" - 1400 (Corn),

ield of Science" - 0512 (Genetics), "Problem Area" - 208

ctivity" - 4600 (Disease control), "Commodity" - 1400 (Corn), ield of Science" - 0512 (Genetics), "Problem Area" - 208 ontrol of disease of field crops) - 75% ctivity" - 5000 (Biol. efficiency), "Commodity" - 1400 (Corn), ield of Science" 0512 (Genetics), "Problem Area" - 307

Problem Area tabulations, 75% of the scientist years and of the for this project would be aggregated with other projects in the Control of diseases of field crops," and 25% would be aggregated in the Problem Area "Improvement of biological efficiency of Commodity tabulations, 100% of this project would be in "corn.

VOLUME III

ven (7) Research Program Groups (RPGs). One addition on established for unclassified projects. In this prestry Research includes all research performed by Frestry Schools, funded by McIntire-Stennis, or designative State Research Service. All other insidered agricultural research. Duplication has been designating each unique Type X Commodity X RPA combig a primary impact on only one of the 48 RPs. For esearch project conducted by the Agricultural Research project conducted by the Agricultural Research watershed protection, Commodity 0300 "Watershed sins" and RPA 107 "Watershed Protection and Managements."

having a primary impact on RP 1.02 "Water and Water search project conducted by the Forest Service concepts of the Commodity 0300 "Watersheds and River Basing atershed Protection and Management" is reported as a pact on RP 2.04 "Forest Watersheds, Soils, and Polly

e material in this Volume has been organized into mad sub-units based on type of research (Agricultural mmodity, and Research Problem Area (RPA) Classificate rious Commodity X RPA Combinations for the two types gregate to 48 Research Programs (RPs) which, in turn

e Research Program Key on Pages ix-x shows the RPA combinations that aggregate to each RP. Column gricultural) and 2 and 4 (Forestry) show the combinations of the com

e SYS are listed by performing organization except acts, Grants and Cooperative Agreements with organi an the State Agricultural Experiment Stations. The sted by funding organization.

RESEARCH!	U.S. DEPARTI HORK UNIT/PROS ABRICULTURE, STA	us, department of aggicultums UNIT/PROJECT DESCRIPTION - R ULTURE OFFICE AGGICULTURAL EX	AND THE PROPERTY OF AGENCY CLASS AND THE SECRET DESCRIPTION A SECRET OF A CHARLES AND THE SECRET AND THE SEC		AMERIDAENT	RESEARCH W	PORK UN	U. S. DEPAR (IT/PROJECT D TRICULTURE, ST	ESCRIPTIC ATE AGRICI	RESEARCH WORK UNT/PROJECT DESCRIPTION - CLASSIFICATION OF RESEARCH U. L. OPT-10 ** CARRIETT AT A CHILDINIAL ESTEMBERT STATION	TION OF	RESEARCH	27 AC	DATE (Day, Month, Year)	
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1.00 NATURAL RESOURCES

- 1.01 Soil and Land Use
- 1.02 Water and Watersheds
- 1.03 Recreation
- 1.04 Environmental Quality1.05 Weather Modification
- 1.06 Fish and Wildlife 1.07 Remote Sensing

2.00 FORESTRY

- 2.01 Inventory and Appraisal of Forestry Resou 2.02 Timber Management
- Timber Management
- 2.03 Forest Protection2.04 Harvesting, Processing, Marketing of Forest
- 2.05 Forest Watersheds, Soils, Pollution 2.06 Forest, Range, Wildlife and Fisheries Hab 2.07 Forest Recreation, Aesthetics, Landscape 2.08 Alternate Uses of Land
- 2.09 Technical Assistance

3.00 CROPS (Field and Horticultural)

- 3.01 Corn
- 3.02 Grain Sorghum
- 3.03 Wheat
- 3.04 Other Small Grains
- 3.05 Rice
- 3.06 Soybeans
- 3.07 Peanuts 3.08 Sugar
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- 3.16 Bees and Other Pollinating Insects

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 - Insects Affecting Man and His Belongings 5.04 5.05 Research on Administration of Research
- 6.00 COMPETITION, TRADE, ADJUSTMENT, PRICE AND INCOME
 - 6.01 Farm Adjustment, Prices and Income
 - Foreign Agricultural Trade and Economic Develop 6.02 Marketing and Competition 6.03
- 7.00 GENERAL RESOURCE OR TECHNOLOGY 7.01 General Resource or Technology
- 9.00 UNCLASSIFIED
- 9.01 Unclassified

CLASSIFICATION CODESHEET FOR REPORT OF AGRICUL

COMMODITY, RESOURCE OR TECHNOLO ASSOCIATED WITH SPECIFIC COMMOD

COMMODITIES OR RESOURCES

0500	Recreation Resources
0600	Trees, Forests and Forest Products (Excluding
	Crops (See 1015), and Tung (See 2560)
0700	Range
0800	Fish, Shellfish, Game and Fur-Bearing Animals
	and their Habitats
0900	Citrus and Subtropical Fruit
1000	Deciduous and Small Fruits and Edible Tree Nu
1100	Potatoes
1200	Vegetables
1300	Ornamentals and Turf
1400	Corn (Includes Popcorn). (For Sweetcorn, See
1500	Grain Sorghum
1600	Rice
1700	Wheat
1800	Other Small Grains
1900	Pasture
2000	Forage Crops
2100	Cotton (Including Cottonseed for Planting Pur
2200	Cottonseed (For Meal, Oil, etc.)
2300	Soybeans
2400	Peanuts

- 2800 Miscellaneous and New Crops
- 2900 Poultry
- 3000 Beef Cattle
- 3100 Dairy Cattle

Tobacco 2700 Sugar Crops

2600

3900

0100 Soil and Land

0400 Air and Climate

0300 Watersheds and River Basins

0200 Water

- 3200 Swine
- 3300 Sheep and Wool
- 3400 Other Animals (See 0850 for Fur-Bearing Anima
- 3500 Bees and Honey and Other Pollinating Insects

2500 Other Oilseed and Oil Crops (Excluding Cotton

- 3600 General Purpose Supplies
- Includes: Machinery, Equipment, Fertilizers

Structures and Facilities

- Clothing and Textiles
- 3700 3800

Pesticides

- Food (Not Readily Associated with Specific Pl Products)
- 4000 People as Individual Workers, Consumers and M
- 4100 The Family and Its Members
- 4200 The Farm as a Business Enterprise

COMMODITY OR RESOURCE

300

their Institutions and Organizations 400 Agricultural Economy of United States and Secto ing interrelationships with the Total Economy 500 Agricultural Economy of Foreign Countries and S including Interrelationships with the Total E 600 Farmer Cooperatives 700 Marketing, Processing and Supply Firms other th 0.08 Marketing Systems and Sectors thereof Weeds 100 200 Seed Research 300 Biological Cell Systems 400 Experimental Design and Statistical Methods 500 Invertebrates (Including Insects, Mites, Ticks, and Leeches)

Communities, Areas and Regions, including Count

- 600 Microorganisms, Viruses, Etc. 700 Plants
- 800 Animals (Vertebrates) 900 Research on Research Management (Not Research I
- 900 Research on Research Management (Not Research 1 000 Research Equipment and Technology (Such as Remo

RESEARCH PROBLEM AREAS (RPA'S)

GOAL I: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

Appraisal of Soil Resources Soil, Plant, Water, Nutrient Relationships Management of Saline and Sodic Soils and Salinity Alternative Uses of Land Conservation and Efficient Use of Water

Efficient Drainage and Irrigation Systems and Facilities Watershed Protection and Management Economic and Legal Problems in Management of Water and Watersh Adaptation to Weather and Weather Modification Appraisal of Forest and Range Resources

Biology, Culture and Management of Forests and Timber-Related Improvement of Range Resources Remote Sensing

Research on Management of Research

Control of Insects Affecting Forests

GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS

Control of Diseases, Parasites and Nematodes Affecting Forests Prevention and Control of Forest and Range Fires Control of Insects, Mites, Slugs, and Snails on Fruit and Vege

Control of Diseases and Nematodes of Fruit and Vegetable Crops Control of Weeds and Other Hazards to Fruit and Vegetable Crop Control of Insects, Mites, Snails, and Slugs Affecting Field Crops and Range

Control of Diseases and Nematodes of Field Crops and Range

Control of Weeds and Other Hazards of Field Crops and Range Control of Insects and External Parasites Affecting Livestock, Other Animals

Control of Diseases of Livestock, Poultry and Other Animals Control of Internal Parasites of Livestock, Poultry, and Other

Protect Livestock, Poultry and Other Animals from Toxic Chemic Poisonous Plants, and Other Hazards Protection of Plants, Animals, and Man from Harmful Effects of

GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOR AT DECREASING REAL PRODUCTION COSTS

- 301 Genetics and Breeding of Forest Trees
- New and Improved Forest Engineering Systems 302
- 303 Economics of Timber Production
- 304 Improvement of Biological Efficiency of Fruit and Ve
- Mechanization of Fruit and Vegetable Crop Production 305
- 306 Production Management Systems for Fruits and Vegetab Improvement of Biological Efficiency of Field Crops 307
- Mechanization of Production of Field Crops 308
- 309 Production Management Systems for Field Crops
- 310 Reproductive Performance of Livestock, Poultry and O
- 311 Improvement of Biological Efficiency in Production o and Other Animals
- Environmental Stress in Production of Livestock, Pou 312 313 Production Management Systems for Livestock, Poultry
- 314 Bees and Other Pollinating Insects
- Improvement of Structures, Facilities and General Pu 315 and Equipment
- 316 Farm Business Management 317 Mechanization and Structures Used in Production of L
- Other Animals 318 Non-Commodity-Oriented Biological Technology and Bio
 - - GOAL IV: EXPAND THE DEMAND FOR FARM AND FOREST PROD NEW AND IMPROVED PRODUCTS AND PROCESSES AN PRODUCT QUALITY
- 401 New and Improved Forest Products
- Production of Fruit and Vegetable Crops with Improve 402
- New and Improved Fruit and Vegetable Products and By 403
- 404
- Quality Maintenance in Storing and Marketing Fruits Production of Field Crops with Improved Acceptabilis 405

?roducts from Field Crops Textile, and Industrial Produ

> and Marketing Field [th Improved Acceptal

and Other Animal ?roducts Animal Products

DAL V: IMPROVE EFFICIENCY IN THE MARKETING SYSTEM

provement of Grades and Standards -- Crop and Animal Products

evelopment of Markets and Efficient Marketing of Timber and Rej fficiency in Marketing Agricultural Products and Production In

apply, Demand and Price Analysis -- Crop and Animal Products ompetitive Interrelationships in Agriculture

evelopment of Domestic Markets for Farm Products erformance of Marketing Systems coup Action and Market Power

provement in Agricultural Statistics

aprovement of Grades and Standards of Forest Products ipply, Demand and Price Analysis -- Forest Products

DAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

oreign Market Development

valuation of Foreign Food Aid Programs

schnical Assistance to Developing Countries

roduct Development and Marketing for Foreign Markets

DAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND WELL-BEING OF THE AMERICAN PEOPLE

naure Food Products Free of Toxic Residues from Agricultural So rotect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins

ood Choices, Habits, and Consumption ome and Commercial Food Service

election and Care of Clothing and Household Textiles ontrol of Insect Pests of Man and His Belongings

revent Transmission of Animal Diseases and Parasites to Man man Nutrition eduction of Hazards to Health and Safety

DAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LI

ousing ndividual and Family Decision Making and Resource Use and Fami auses of Poverty Among Rural People

mprovement of Economic Potential of Rural People

PA incorporates research formerly included under RPA's 503, 50

GOAL VIII: (Continued)

Outdoor Recreation

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- Communication and Education Processes
- Individual and Family Adjustment to Change

Trees to Enhance Rural and Urban Environment

Culture and Protection of Ornamentals and Turf Improved Income Opportunities in Rural Communities

- Structural Changes in Agriculture
- Government Programs to Balance Farm Output and Market Demand

- GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT
- RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY, AND

Improvement of Rural Community Institutions and Services

Alleviation of Soil, Water and Air Pollution and Disposal of

Multiple Use Potential of Forest Land and Evaluation of Fores Fish and Other Marine Life, Fur-Bearing Animals and Other Wil

RESEARCH PROGRAM GROUP (RPG) 1.00 NATURAL RESOURCES

	RESEARCH PROGRAM	COMMODITY/RESCURCE	AGRICULTURAL 1/ '	FORESTRY 2/ RPA
1.01	Soil and Land Use	0100, 6700	101-107	103,106, 105
		3900	·	1
1.02	Water and Watersheds	0200	102,103-108	102,103,104,106, 108
		0300	104,107,108,302,903	104,108,903
		3900	106,107	1
		0029	102,105	102,105
1.03	Recreation	0200, 0600	902,903	803
1.04	Environmental Quality	All Commodities	214,901	1
1.05	Weather Modification	All Commodities	109	109
1.06	Fish and Wildlife	, 0810,0830-0890,6500	410,903,904	410,903
1.07	Remote Sensing	All Commodities	113	113

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/	FORESTRY 2/ RPA
Inventory and Appraisal of	0100	110	, 110

	KESEARCH PROGRAM	. COMMODITY/RESOURCE	RPA		KFA
				-	
	Inventory and Appraisal of	, 0100	110	-	110
	Forestry Resources	, 0200	110	-	110
	•	. 0500	110	-	110
		. 0600	110	-	110,113,
		. 0700	ļ	-	110
		0810,0820,0821,0822	110	-	110
		. 0830-0880	110	•	110
		. 6400	1	•	318
		. 7000	11	•	110,113
-		•		-	
2.02	2.02 Timber Management	. 0090	111,301	•	111,301

,318

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200	7000	
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!	1		201	1	203
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2000	7000		0090	0700	080

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	201-203	!
•	-	-

	203	203	302	302,303,401,502,	,513,604,80	808	513
	-	-	•	•	-	-	•
)))	1	203	! 1	302,303,401,502,	512,513		533

0300

Harvesting, Processing, Marketing of Forest

2.04

Products

Forest Protection

2.03

xviii

513 401,513

101,102,107,901

0100

Forest Watersheds, Soils

2.05

Pollution

0200

3600 3900 7000

105,107,901

•	-	-

RESEARCH PROGRAM GROUP (RPG) 2.00 FORESTRY(Continued)

2.06 2.07 2.08	RESEARCH PROGRAM O6 Forest, Range, Wild- life and Fisheries Habitat Development O7 Forest Recreation Aesthetics, Land- scape Values Land Land	COMMODITY/RESOURCE 10600 0810,0830-0890 0820,0821,0822 0500 0600,1391 1391 0100 0200 0200 0300 0500 0500 0500 0500 05	AGRICULTURAL 1/ 804 	FORESTRY 2/ RPA 112 904 904 905 906 906 906 903 903 903 903
2.09	Technical Assistance	0600	1 1	601,603

1/ All research except that included under Forestry. 2/ All research performed by "Forest Sarvice " by "Forestry Schools " funded by

	T	TOWMOO	AGRICULTURAL 1/ PDA	FORESTRY 2/
	r KUGKA!	CONTINUE II / NESOUNCE	NFA	, KrA
		1400	102,105,207-209,307- 309,405-408,501	Same as Agricultural
3.02	Grain Sorghum	1500	Same as RP 3.01	, Same as Agricultural
3.03	Wheat	1,700	107 plus Above	'Same as Agricultural
3.04	Other Small Grains	1800	Same as RP 3.01	'Same as Agricultural
3.05	Rice	1600	Same as RP 3.01	'Same as Agricultural
3.06	Soybeans	2300	106 plus RP 3.01	'Same as Agricultural
3.07	Peanuts	2400	Same as RP 3.01	'Same as Agricultural
3.08	Sugar	2700	Same as RP 3.01	'Same as Agricultural
3.09	Forage, Pasture and	0020	102,107,110,112,203,	102,207-209,307,903,
	Range	1900 2000	Same as RP 3.01 Same as RP 3.01	Same as Agricultural 105,207-209,308,309, 1405-408,501

RESEARCH PROGRAM	. COMMODITY/RESOURCE		AGRICULTURAL 1/ RPA	' FORESTRY <u>2/</u> ' RPA
	-	-		
3.10 Cotton	1 2100	-	105,207-209,307-309,	' Same as Agricultural
	-	-	405, 507,408,501,709	•
	, 2200	-	308,309,405-408,501	' Same as Agricultural
	-	-		-
3.11 Tobacco	, 2600	-	207-209,307-309,405,	' Same as Agricultural
	-	-	407,408,501,709	-

Same as Agricultural	Same as Agricultural		Same as Agriculturai	Same as Agricultural
402_ ====================================		,402-	lus 102.	
Same as RP 3.01	408,501,709	204-206,304-306,402-	404,501 Same as above p	906
-	-		-	_
, 2500 , 2800	2)	0060	, 1000	
New Crops and Minor		Fruit		

Same as Agricultural Same as Agricultural

905 105, 905,906

0600 1300, 1310, 1320, 1330 1339 1391

Man's Environment Plants to Enhance

3.15

3500

3.16 Bees and Other Poilinating Insects

905,106

Same as Agricultural

Same as Agricultural

Same as Agricultural

105,204-206,304-306, 402-404,501 102,103,204-206,304-306,402-404,501

1100

3.74 Vegetable Crops

xxi

3.13 Fruit

3.12

1200

	Ardranch (Nodeway Group (RFG) 1.00 ANIBARD	ני (גומ) אינט אוווארט	
ROGRAM	, COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	' FORESTRY 2/ ' RPA
	3000	210-213,310-313,	Same as Agricultural
	3100	Same as RP 4.01	' Same as Agricultural

SEARCH PR

Beef

Same as Agricultural Same as Agricultural Same as Agricultural Same as Agricultural Same as RP 4.01 4.01 Same as RP 4.01 Same as RP 4.01 Same as RP

2900

Poultry

Sheep

Swine

Dairy

3200

3300

3400

Aquatic Foods and

Feedstuffs

Other Animals

Same as Agricultural Same as Agricultural 410-412,501,903 904 Same as RP 4.01 0820,0821,0822

All research except that included under Forestry. All research performed by "Forest Service," by "Forestry Schools," or funded by "McIntire-Stennis," or designated Forestry by the Cooperative State Research

Service.

RESEARCH PROGRAM GROUP (RPG) 5.00 PEOPLE, COMMUNITIES AND INSTITUTIONS

5.01 Food and Nutrition	•	17.74	RPA
	3800	318,403-046,408- 410,412,501,703,	'Same as Agricultural
	All Commodities	703,704,708	'Same as Agricultural
5.02 Food Safety	3800 All Commodities	701,702 701,702	'Same as Agricultural 'Same as Agricultural
5.03 Rural Development and Quality of Family Living	3600 3700 3900 4000	801 317,709 705,709 709,801 707,709,801-806	Same as Agricultural Same as Agricultural Same as Agricultural 709
	4100	907 707,801-806,907 803,805,806,902, 907,908	Same as Agricultural 803,805,806,908
5.04 Insects Affecting Man' and his Belongings '	All Commodities	706	Same as Agricultural
5.05 Research on Adminis- 'tration of Research'	0069	114	Same as Agricultural

RESEARCH PROGRAM	. COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
6.01 Farm Adjustment, Prices and Income	All Commodities 'except 0600'	315,316,511,807, 808 808	315,316,511,807, 808
6.02 Foreign Agricultural	All Commodities	601-604	Same as Agricultura
Trade and Economic	except upuu	604	

503,506-510

' All Commodities 6.03 Marketing and Competition

Same as Agricultural

1/ All research except that included under Forestry.
2/ All research performed by "Forest Service," by "Forestry Schools," or funded by "McIntire-Stennis," or designated Forestry by the Cooperative State Research Service.

The designation "--" indicates no entry.

RESEARCH PROGRAM	. COMMODITY/RESOURCE	AGRICULTURAL 1/ '	FORESTRY 2/ RPA
7.01 General Resource or Technology	0600 3600 3900 6200 6200 6400 6500 6700 6700	318 501 317 318 304,307,318,501,408 318 318,211 208,318,707 204-209,304-309, 318,402-408,501 210-213,310-313, 317,318,409-412, 501 110,111,302,304.	Same as Agricultural

1/ All research except that included under Forestry.

SESTABLE PROGRAM GROUP SUMMARY

		ABS	Bas	PCS/585	PS	US DA TOTAL	SARS	OTH CO
PPG 1.00:	WATORAL RESOURCES	453.5	48.6	.0	1.1	503.2	801.0	2
RPG 2.00:	POREST RESCUECES	6.3	.0	.0	950.4	956.7	403.3	
RPG 3.00:	CPOPS (FIBLD & HORTIC	ULTUFAL) 1360.9	4.4	.0	.0	13653	2469.0	36
BPG 4.00:	ANIMALS	444.8	2.4	.0	.0	447.2	1223. 1	2.
RPG 5.00:	PROPER, COMMUNITIES,			•0	.0	419.8	633.4	58
896 6.00;	COMPETITION, TRADE, &	OJUSTBERT,	PRICE 6 1	HCOME BOTI	CY			
RPG 7.00:	GENERAL ESSOTECE OF T			21.1 TION ITERS		459_3	332.5	•
RPG 9.00:	UNCLASSIPIBD	274.2	.0	-0	.0	274.2	582.4	:
GRAND TOTAL		.0 2997.0	1.0 457.1	.0 21.1	.0 951.5	7-0 4426-7	111.0 6555.6	15.3

BBSB18CH P	BOGRAN GROUP SUMMART							
		ARS	BRS	PC 5/SBS	FS	GSDA TOTAL	SIES	OTA
RPG 1.00:	NATURAL BESOGREES	6.1	.0	.0	.0	6.1	.0	
BPG 2.00:	POSEST RESOURCES	1.6	.0	.0	.0	1-6	.0	
BPG 3.00:	CROPS (PIBLD & HGSTIC	OLTURAL) 21.2	.0	.0	.0	21.2	.0	
APG 4.00:	ANIMALS	4.5	.0	.0	-0	4.5	.0	
BPG 5.00:	PROPIE, COMMUNITIES,	E INSTITUTION 3.0	.O	.0	.0	3.0	.0	
BPG 6.00:	COMPETITION, TRADE, A	DJOSTMENT, P	RICE & INC	OHE POLICE	.0			
HPG 7.00;	GBWERAL RESOURCE OR 1					6.8	.0	
UBAND TOTA	L	.9 44.0	.0	.0	.0 .0	.8 94.0	.0	
Tablb 9-1 Reseabch P	C REGIONAL SONMARY (OF SCIENTIST-	-YEARS POR	FT 1977			(PRIBARY)	
		APS	ERS	PCS/535	PS	OSDA POTAL	SABS	отв
APG 1.00:	SATURAL BESONNES	94.7	29. 1	.0	-0	123.8	127.0	
PPG 2.00:	POREST RESOURCES	4.7	.0	.0	112.2	116.9	72.9	
BPG 3-00:	CROPS (PIELD 6 BORTIC	COLYORAL] \$79.7	2.2	.0	•0	181.9	291-1	
EPG 4.00:	ANIBALS	190.7	-0	.0	. 0	190.7	186.2	
9PG 5.00:	PROPLE, CGSHUNITIES,	G INSTITUTION 186.4	7#3 57.0	.0	.0	293.4	140.3	
BPG 6.00:	COMPETITION, TRADE,	LOJOSTABET, 1 35.1	PRICE & INC 285.4	OME POLECT	.0	340.1	50.3	
9PG 7.00:	GENERAL RESOURCE OR	TECHLOLOGY CI	LASSIFICATI • O	OF ITEMS	.0	131.4	83.9	
RPG 9.00;	OFCLASSIPIED	.0	1.0	.0	.0	1.0	8.9	
GRAND TOTA	ı.	822.6	374.7	19.7	112.2	1329.2	960.5	
TABLE V-	C BEGIOWAL SUMMARY	of scibbits:	-YELES POB	P\$ 1977			(PRIMARY)	
		à P.S	EBS	PCS/S83	FS	USD1 TOTAL	SIBS	018
RPG 1.00;	NATURAL RESOURCES	119.5	3.7	.0	.0	123.2	212.9	
%PG 2.00:	POREST RESOURCES	-0	.0	.0	223.4	223.4	152.9	
89G 3.00:	CROPS (FIELD & BORTE		1-3	.0	.0	582.7	1022- 1	
8PG 9.00:	AFIHALS	86.5	.0	.0	.0	86.5	465.2	
BPG 5.00:	PEOPLE, COMMONITIES,			.0	.0	76.9	156-1	
1PG 6.00:	COMPRESSION, TRADE,		PRICE 5 IN	CORB POLICE				
BPG 7.00:	GENERAL BESOURCE OR		27.4 Llesificle .0	O, EMBTI WOI O.	.0	54.2	114.7	
		2117	• •	• 0		31.7	124.0	

TABLE F-	C REGIONAL SOMMER	OP SCIENTIST	T-YEARS POE	FT 1977		(PRIMARY
RESEABCH P	ROGBAN CROOP SONNERS						
		1PS	ERS	PCS/535	PS	USDA · IOTAL	SABS
RPG 1.00:	SATURAL BESONDERS	94.7	29. 1	.0	-0	123.8	127.0
PPG 2.00:	POREST RESOURCES	4.7	.0	.0	112.2	116.9	72.9
BPG 3.00:	CROPS (PIRLO 6 HORTI		•••	••		110.7	,
		\$79.7	2.2	.0	•0	181.9	291-1
BPG 4.00:	ANIBALS	190.7	-0	.0	. 0	190.7	186-2
9PG 5.00:	PROPIE, CGERUNITIES,	G INSTITUTE 186.4	1088 57.0	.0	.0	293.4	140.3
BPG 6.00:	COMPETITION, TRADE,	ADJUSTMENT, 35.1	PRICE & 11 285.4	COME POLICE	.0	340.1	50.3
9PG 7.00:	GENERAL RESOURCE OR	TECHHOLOGY (•	*3* "	
RPG 9.00:	OFCLASSIPIED	131.4	-0	.0	•0	131.4	83.9
uro 3.00;	OPCLESSIFIED	.0	1.0	.0	.0	1.0	8.9
GRAND TOTA	I.	822.6	374.7	19.7	112.2	1329.2	960.5
TABLE F-		Of SCIBBILS	T-YELBS PO	B PY 1977			(PRIMARY)
•	C REGIONAL SUAMARI PROGRAM GROUP SUAMARI	Of SCIBBILS	T-YZLBS PO	9 FY 1977			(PRIMARY)
•		OF SCIBBILS	7-Years Po ees	B FY 1977 PCS/588	PS	USDA TOTAL	(PRIMARY) SABS
•		185	EBS	PCS/S 83		USDA TOTAL	SIBS
SESTINCE P	ROGRAN GROUP SUKNART				PS .0	USD1	
SBSELECE P	SOCER GROUP SDAMERA	185	EBS	PCS/S 83		USDA TOTAL	SIBS
SESTINCE P	ROGRAN GROUP SUKNART	JES 119.5	28S	PCS/SBS .0	.0	USDA TOTAL 123.2	518s 212. 9
#BS218CR 6	PROGRAM GROUP SUMMARY NATURAL RESOURCES POREST RESOURCES	185 119.5 -0 (CULTORIL)	28S 3.7	PCS/SBS	.0 223.4	USDA TOTAL 123.2 223.4	91BS 212.9 152.9
885218CR F RPG 1.00: 8PG 2.00: 8PG 3.00:	PROGRAM GROUP SUMMARY WATURAL RESOURCES POREST RESOURCES CROPS (FIELD & HORT)	119.5 -0 (COLTOGAL) 581.4 88.5	gBS 3.7 .0 1.3	.0 .0	.0	USDA TOTAL 123.2 223.4 582.7	918s 212.9 152.9
885218CQ P 8PG 1.00: 8PG 2.00: 8PG 3.00:	ROGGAN GROUP SUMMABY WATURAL RESOURCES FOREST RESOURCES CROPS (FIELD & HORT)	119.5 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	28S 3.7 .0 1.3 .0 3.08S 6.2	PCS/S83 .0 .0 .0 .0	.0	USDA TOTAL 123.2 223.4 582.7	918S 212-9 152-9 1022-1 465-2
8BSEABCR 6 8PG 1.00: 8PG 2.00: 8PG 3.00: 8PG 4.00: 8PG 5.00:	PROGRAM GROUP SUMMARY NATURAL RESOURCES FOREST RESOURCES CROPS (FIELD & BORT) AFINALS PROPLE, COMMONITIES,	119.5 .0 (COLTORAL) 581.4 88.5 , 6 INSTITOT 70.7 ADJUSTMENT, 26.8	28S 3.7 .0 1.3 .0 208S 6.2 PRICE 5 I 27.4	PCS/SBS .0 .0 .0 .0 .0 .0 .0 .0	.0 223.4 .0 .0	USDA TOTAL 123.2 223.4 582.7 88.5	918S 212-9 152-9 1022-1 465-2 156-1
RPG 1.00: RPG 2.00: RPG 3.00: RPG 4.00: RPG 5.00:	PROGRAM GROUP SUMMARY WATURAL RESOURCES POREST RESOURCES CROPS (FIELD & HORT: AFIHALS PROPLE, COMMONITIES, COMPETITION, TRADE,	119.5 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	988 3.7 .0 1.3 .0 1085 6.2 PRICE 5 I 27.4 CLASSIPICA	PCS/S83 .0 .0 .0 .0 .0 .0 MCORB PCLICT .0 TION ITEMS	.0 223.4 .0 .0 .0	USDA TOTAL 123.2 223.4 582.7 88.5 76.9 54.2	918S 212-9 152-9 1022-1 465-2 156-1 114-7
8PG 1.00: 8PG 2.00: 8PG 3.00: 8PG 9.00: 8PG 5.00: 8PG 5.00: 8PG 7.00:	PROGRAM GROUP SUMMARY WATURAL RESOURCES FOREST RESOURCES CROPS (FIELD & HORT) ABINALS PROPLE, COMMONITIES, COMPRETATION, TRADE, GENERAL RESOURCE OR	119.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10	988 3.7 .0 1.3 .0 4085 6.2 PRICE 6 1 27.4	PCS/SBS .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 WCORB PCLICT .0 TION ITEMS	.0 223.4 .0 .0	USDA TOTAL 123.2 223.4 582.7 88.5 76.9	918S 212-9 152-9 1022-1 465-2 156-1

						•		
BSEXBCE PL	BOGBAN GBOUP SUMMARY							
		ABS	BRS	PCS/9PS	PS	USDA Total	SABS	01
RPG 1.00:	NATURAL PESOUBCES	87.5	8.8	.0	-0	96.3	222.3	
RPG 2.00:	POREST RESOURCES	.0	.0	.0	245.6	245.6	93.3	
PG 3.00:	CROPS (PIRLD & HORTI	CULTOBAL] 279-6	.9	.0	.0	280.5	560.7	
PG 4.00:	ANIMALS	102-1	1.2	.0	.0	103.3	350-4	
PG 5.00:	PROPLE, COMMUNITIES,	6 INSTITUTION 58.2) #8 1.2	.0	.0	59.4	160.1	
PG 6.00:	COMPRTITION, TRADE,	ADJUSTMENT, 1 10-9	PRICE 6 I) 15.5	HCOMB POLICY	-0	27.8	106.7	
PG 7.00:	GENERAL RESOURCE OR	TECHNOLOGY CI	LASSIPICAT	O. O.	.0	60.6	179-6	
PG 9.00:	UNCLASSIFIED	.0	-0	.0	.0	.0	30.2	
RAND TOTAL	L	598-9	27.6	1.4	245.6	873.5	1726.3	

(PRISARY)

(PRIMARY)

071

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR PY 1977

TABLE T-C REGIONAL SURNABY OF SCIENTIST-YEARS FOR PY 1977

GRAND TOTAL

BESEFECH E	ROGRAM GROUP SUMMARY					
	#K2	8 885	PCS/585	75	US DA TOTAL	SAPS
BPG 1.00:	NATURAL RESOURCES	7.0	.0	1. 1	153.7	238.7
BPG 2.00:	POREST RESOURCES	.0	.0	369.2	369.2	84.3
8PG 3.00:	CHOPS (PIPLD & HORTICULTURAL) 299.0	.0	.0	.0	299.0	595-2
RPG 4.00:	AHINALS 59.0	1.2	-0	.0	60.2	221.3
RPG 5.00:	PEOPLE, COMMUNITIES, & INSTITU		.0	.0	37.2	156.9
BPG 6.00:	COMPETITION, TRADE, A CJOSTNENT 22.3		HCOMB POLICY	.0	30.3	60.7
RPG 7.00:	GENERAL RESOURCE OF TECHNOLOGY 29.8		EKETI HOIT	•0	29.8	195.9
RPG 9.00:	UNCLASSIFIED .0		.3	.0	-0	4.7

3

592.9 16.2 .0 370.3 979.4 1557.6

RESEARCH PROGRAM GROUP SUMMANT					·	RIBART)	
					USDA		071
> ^^	ARS	8BS	PCS/SAS	PS	TOTAL	SARS	
apg 3.00: CBOPS (FIBLD & BORTICOL	.1	- 0	•0	.0	.1	.0	
SRAND TOTAL	•1	.0	- 0	•0	.1	.0	
ABLE V-C STATE SUBSLES OF	scibatist-1	TEAPS POR	PT 1977		4)	BIRABI)	
PESBARCH PROGRAM GROUP SUMMARY							
	ARS	BRS	PCS/SRS	PS	OSDA Total	SARS	OTE
FG 1.00: MATURAL RESOURCES	. 0	.0	.0	.0	-0	.0	
PG 3.00: CROPS (PIELD & BORTICUL	ORAL)						
PG 7.00: GENERAL BESOURCE OF TECH	. 1 INOLOGY CLA	.0 ASTPICAT	.0 TON ITBMS	.0	-1	.0	
10 downers begoner of 1960	-0	.0	-0	.0	-0	-0	
BAND TOTAL	-1	.0	•0	.0	-1	.0	
LBLB V-C STLTE SURNLAY OF S	CIRWTIST-V	rbers fob	1 FT 1977		(E	PRIMAR Y)	
ESSIECH PROGRIM GROUP SUMMIRY							
	1RS	BRS	7CS/585	79	TOTAL	SABS	OT
PG 6.00; COMPATITION, TRADB, ABJO	SIMBUT, PI 1.0	11 & 8318 0.	O SECOND POLICE	-0	1.0	-0	
RAWD TOTAL	1.0	-0	.0	•0	1.0	-0	

TABLE	¥-C	STLTE	SONNARY	08	SCIRRTIST-18A	RS POR	PT 1977		(8	(TEABIE	
BESEFEC	R PROGRAM	G100P	SOUMART								
					185	385	FCS/SBS	75	OSDA Total	SARS	OTB

RPG 5.00: PROPER, COMMUNITIES, 6 INSTITUTIONS 2.1 .0 .0 .0 2.1 .0 GRAND TOTAL 2.1 .0 .0 .0 2.1 .0

TABLE	A-C	STATE	SOMBART	0 2	SCIENTIST-YNARS	POR	71	1977
BESBARC	H PROGRAM	GROUP	50##1RY					

BPG 2.00: FOREST RESOURCES	•6	.0	.0	.0	-6	.0	.0
RPG 3.00: CROPS (PIBLD 6 HORT	CULTUBAL)	.0	.0	.0	. 6	-0	-0
RPG 7.00: GENERAL RESOURCE OR	TECHNOLOGY (CLASSIFICATION O	ENST! KOIT	.0	.8	-0	.0
GRAND TOTAL	2.0	-0	.0	.0	2.0	-0	•0
			,				
TABLE V-C STATE SUMMARY	OF SCIENTIST	-YEARS POI	PE 1977		(P	E IMARI)	
RESEARCH PROGRAM GROUP SURNARY							
	ABS	RES	rcs/sas	75	TOTAL	SIES	OTH COOP IMSTS
BPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	.0	.0
RPG 3.00: CROPS (FIELD & WORT)	(COLTUBAL) 2.2	-0	.0	.0	2.2	.0	-0

ABS BRS PCS/SES

RESEARCH PROGRAM GROUP SUMMARY

BPG 2.00: PORBST RESOURCES

GRAND TOTAL

RPG 3.00: CROPS (PIRLD & HORTICULTURAL)

TIBLE Y-C STATE SUMMARY OF SCIENTIST-YEARS FOR PK 1977

GRAND TOTAL

GRAND TOTAL

TABLE	A-C	STATE	SUMMARY	07	SCIENTIST-YEARS	POR	PT	197
BESBARC	B PROGRAM	GROUP	SUMBARY					

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ARS

1-0

1.0

2.2

28 ARS BRS FCS/SBS

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115 PC5/313

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OSD1 OTS COOP F TOTAL SARS INSTS

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(PRISARY)

USDA PS TOTAL

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(PRIMART)

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OTS COOP SARS INSTS

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RESEARCE PROGRAM GROUP SUBBART						
	ABS	#8S 1	PCS/SES	Ps	usda Total	313
PG 4.00: AFIHALS	1.1	-0	.0	-0	1. 1	
SRIND TOTAL	1.1	.0	. 0	.0	1.1	
riele V-C Stite Suediry (op scibatist-	THARS POR	P Y 19 7 7		(F	BINAR
TABLE T-C STATE SUMMARY (25534RCH PROGRAM GROUP SUMMARY	of scientist.	ruede bos	PY 19 7 7		(P	Binis:
- -				78	USDA	PRIMAR!
RESESTACE PROGRAM GROUP SUMMARY	ARS		FY 19 7 7 PC3/SES	PS	,	einir Si
RESEARCH PROGRAM CROUP SUMMARY	ARS			PS . 0	USDA	Sà
	ARS COLTUBAL;	BRS	PC9/SBS - 0		USDĀ TOTĀL	

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TABLE Y-C	STATE SUSBARI	OP SCIBITIST-	TRANS POR	Pr 1977		t	PRINART)
	STATE SURBARI BARROS QUOGO BAR		IBLES FOR	PI 1977		ţ	PRIMART)
			IBLES POR BRS	Pr 1977 PCS/SRS	₽S	GSBL TOTAL	PRIMART) Sars
RESELECE PROGE		183 10justhbet, pi	BRS NICB 5 INC	PCS/SRS		OSDŁ Totil	Sabs
BBSB1ACH PROGE	BAN GEOUP SUNKARY	185	BRS	PC\$/SRS	? 5	QSQ L	

BPQ 6.00:		ITION,	TRIDE,	10JUSTHBRT.	PRICE		-				
	11			.4		.0"	COMB POLI	.0		-0	
GRAND TOT				.4		-0	.0	• 0	. 4	.0	
TABLE 1	-c	STATE .	Sonul Rt	OF SCIENTI	ST-YBAR	s Poi	FY 1977			(PBISLBY)	
RESEARCE	PROGRAM	GRODP	SOUBLBY								
				ARS		325	PC9/SR5	76	USDA TOTAL	SABS	OTH C

TABLE	¥-c	STATE	SGM#1 Pf	0?	SCIBUTIST-YEARS	POR PY 1977	(PBISARI)
RESEARCE	PROGREE	GROUP	SOMBLEY				

TABLE	Y-C	STATE	Sound be	0?	SCIBUTIST-YEAR	5 POR	P¥ 1977		(₽	BIRABY)
RESEARCE	PROGRIE	GROUP	SOUBTRA							
					ARS	325	PCS/SRS	75	USDA Total	Sabs

RESEARCH PROGRAM GROUP SOMEARY					
ARS	325	FCS/SRS	7S	USDA Total	SABS
BPG 3.00: CBOPS (PIBLD 6 BORTICOLTURAL)	-0	- 0	.0	2.3	.0
GRAND TOTAL 2.3	.0	.0	-0	2.3	.0

BESEARCH PROGRAM	GROUP	Subhbby			
			185	825	PCS/SPS

STATE SUBBLEY OF SCIENTIST-YEARS POR PY 1977

OTH COOP OSDA TOTAL PS.

	188	825	PCS/SPS	
HPG 1.00: WATURAL RESOURCES	6.1	.0	.0	
GRAND TOTAL	6.1	.0	.0	

		ARS	825	PCS/SPS
RPG 1.00	BATGRAL BESOURCES	6.1	.0	.0

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(PRISABY)

BESBARCH PROGRAM GROUP SUMMARY

TABLE V-C

TABLE V-C

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ARS

ans PCS/SRS .0 .0 PS .0

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SARS

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OTH COOP .0

BPG 3.00: CROPS (FIELD & HORTICULTUBAL)

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(PBIHARY)

(PSIMARY)

SABS

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USDA TOTAL

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USDA TOTAL

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3,5

PS

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OTH COOP SLES INSTS

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OTH COOP

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BPG 4.00: ABIBALS GRAND TOTAL

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STATE SURBARY OF SCIENTIST-YEARS FOR PY 1977

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TABLE Y-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977 RESEARCH PROGRAM GROUP SUMMARY ARS BRS PCS/SBS BPG 3.00: CHOPS (PIELD & HORTICULTURAL) .0 .0 3.5 .0 .0 GRAND TOTAL

STATE SUBBLEY OF SCIENTIST-TEARS FOR PY 1977 BESEARCH PROGRAM GROUP SUMMARY

BBS PCS/SBS ARS

BPG 5.00: PROPLE, COMMUNITIES, & INSTITUTIONS

BPG 4.00: AMINALS

GRAND TOTAL

TABLE V-C STATE SOUBLEY OF SCIENTIST-YEARS FOR PT 1977

BESEASCH PROGRAM GROUP SOMMARY

| 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185

(PRINIBY)

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. 1 00.	MITCOIL DECARDENC			,			,_, ,,,,,,	0.000	00110000
	MATURAL RESOURCES	.0	.0	-0	.0	.0	7.3	3.9	.0
2.00:	POREST RESOURCES	.0	-0	•0	18.0	18.0	6.6	1.3	.0
3.00:	CBOPS (PIBLD & BORTICULT	.0 1144U	.0	.0	.0	.0	20.0	2. 5	•0
4.00:	AWIMALS	.0	.0	٠.0	.0	.0	.7	13.9	.0
5.00:	PEOPLE, COMMUNITIES, & I	RSTITUT	2401 0.	.0	.0	.0	1.7	3.7	•0
6.00:	COMPETITION, TRADE, ADJU	STMBNT,	PRICE & 1	NCOMB FOLIC	Y .0	.0	.0	2, 1	.0
7.00:	GENERAL RESOURCE OR TECH	NOLOGY (CLASSIFICA:		.0	.0	2,7	. 4	.0
9.00:	UNCLASSIPIBD	.0	.0	.0	.0	.0	.0	5.3	.0
ND TOTA	r	.0	.0	.0	18.0	10.0	39.1	33.1	.0
ELRCH P	C STATE SUMBARY OF S ROGRAM GROUP SUBMARY	CIBNTIS	E-TBARS PO	B PY 1977			(PRIMARY)		DB1 PBG
		ABS	FRS	PCS/SRS	, Ps	USDA Total	SABS	OTH COOP INSTS	PORRSIRY SCHOOLS
1.00:	NATURAL RESOURCES	.0	.0	. D	٥.	.0	3. 1	1.0	.0
2.00:	ACUEST RESOURCES	•0	.0	.0	.0	.0	2.1	.0	.0
J.00:	CROPS (PIRLD & HORTICULT	UBAL)	.0	.0	.0	.0	8.2	.1	.0
4.001	ANTHALS	2.4	.0	.0	.0	2,4	3.9	.3	.0
5.00:	PROPLE, CONNUNITIES, & 1	.0	.0 10#2	.0	.0	.0	2.2	.7	.0
6.00:	COMPSTITION, TRADE, ADJU	STPERT,	PRICE 6 I	HCOMB POLIC	.0	.0	2.4	.0	.0
7.001	GENERAL RESOURCE OR TECH	NOLOGY (CLASSIPICA:	TION TERMS	.0	5.0	.1	.1	.0
9.001	OHCLASSIFIED	.0	.0	.0	-0	.0	. 5	.0	.0
NO TOTAL	ı	7-4	•0	.0	.0	7.4	22.4	2.1	.0
rb 4-c	: STATE SUNKART OF S GOSSAN GROUP SUNKARY				•	USDA	(Primer) Ceece		Bag Dis Pobbst91
1.001	WATURAL RESOURCES	185		PCS/5R5	29	TOTAL		111975	BCROOLS
3.00;	CROPS (FIELD & HORTICULT	.O URAL)	25.7	•0	•0	25.7	.3		.0
4.00:		8.8	2.2	•0	-0	11.0	.0	•0	.0
	PROPIR, COMBUNITIES, 6 I	.O TUTTITE	.0	•0	•0	.0	.0	.0	.0
	COMPRISION, TRIDE, ADJO.	.0	55.1	.0		55.1	.2	.0	,0
		8.8	261.7 364.7	19.7	.0	301.4 393.2	.2	.0	.0
(D TOTAL	,	0.0	3044 /	17.,	••	37344	••		
					9				

		285	BBS	PCS/5BS	PS	USDA TOTAL	SIBS	OTH COOP	POI
RPG 1.00:	WATURAL RESOURCES	2.3	.0	.0	.0	2.3	6.3	.0	
PG 2.00;	POSEST RESOURCES	•••	••	••	••		0.3	••	
3 2.00,	100431 ABJOVACES	- 0	.0	.0	6.6	6.6	17.8	.0	
3 3.00:	CROPS (PIBLD 6 8091	PICOLTORAL) 5.3	.0	.0	-0	5.3	14.8	.0	
G 4.00:	AHINALS	- 0	.0	.0	.0	.0	9.4	.0	
FG 5.00:	PROPER, COMMUNITIES	.0 .0 .0 .0	. O	•0	•0	.0	6.0	.0	
G 6.00:	COMPETITION, TRADE,	, ADJOSTUBNI, P. O.	BICE & I	.0 HCOMB POLICE	.0	.0	3.8	.0	
7.00:	GENERAL RESOURCE OF	TECHNOLOGY CL	ASSIFICAT	0.00 TTB95	-0	.0	2.5	-0	
PG 9.00:	O & CLASSIFIED	.0	.0	.0	-0	•0	.4	.0	
	ı	7.5	.0	-0	6.6	14.1	63. 1	.0	
1812 9 -1	C STATE SUKEABI BOGRAM GROUP SUKMARI	t OP SCIENTIST-	TBARS PO	R PY 1977		·	PBIMA BY)		
		_	YEARS POI	R PY 1977		·	PBIHA BY)		-
åriz 4-1 Bssårch Pi	BOGRAM GROUP SUMMARY	_	YBĀRS POJ Brs	R PY 1977 PCS/5R5	₽S	USDA TOTAL	PBIBARY; Sars	OTH COOP INSTS	POH SC
lele f-i Sselrch Pi PG 1.00:	BOGRAM GROUP SUMMARY	ı			₽s .¢	USD à	·		
kele 9-1 BSBLRCH PI PG 1.004 PG 2.00;	BOGRAM GROUP SUMMARY NATURAL RESOURCES FOREST RESOURCES	1 ARS 43.0	BRS	PCS/5R5		USDA TOTAL	SARS	INSTS	
ELE V-1 ISBLECH PI IS 1.00; IS 2.00; IS 3.00;	BOGRAM GROUP SUMMARY MATURAL RESOURCES FOREST RESOURCES CROPS (FIELD 6 HORT	1 ARS 43.0	BRS	PCS/585	.0	USDA TOTAL 43.0	SARS 7. 2	1 N5TS -7	
ELE V-1 SELECH PI G 1.00; G 2.00; G 3.00;	BOGRAM GROUP SUMMARY NATUBAL RESOURCES PORMST RESOURCES CROPS (FIELD 6 HORT	ARS 43.0 2.3 SIGULTORAL) 123.9 93.2	BRS . 0 . 0 . 0	PCS/585	.0 4.0	USDA TOTAL 43.0	52ES 7.2	.7	
ELE Y-1 SBLRCH PI 3 1.00: 3 2.00: 3 3.00: 5 4.00:	BOGRAM GROUP SUMMARY MATURAL RESOURCES FOREST RESOURCES CROPS (FIELD 6 HORT	ARS 43.0 2.3 SIGULTORAL) 123.9 93.2	BRS . 0 . 0 . 0	PCS/5R5 .0 .0	.0 4.0 .0	USDA TOTAL 43.0 6.3	51ES 7.2 3.2 23.8	.7 .0	
E12 V-1 SELECH PI G 1.00: G 2.00: G 3.00: G 4.00: G 5.00:	BOGRAM GROUP SUMMARY NATUBAL RESOURCES PORMST RESOURCES CROPS (FIELD 6 HORT	185 43.0 2.3 **ICULTORAL! 123.9 93.2 5, 5 INSTITUTION 106.7	.0 .0 .0	PCS/SRS .0 .0 .0 .0 .0	.0	USDA TOTAL 43.0 6.3 123.9 93.2	SARS 7.2 3.2 23.0 22.6	.7 .0 .8	
ELE V-1 (SELECH P) (G 1.00; (G 2.00; (G 3.00; (G 4.00; (G 5.00; (G 6.00;	BOGRAM GROUP SUMMARY NATURAL RESOURCES POREST RESOURCES CROPS (FIELD 6 HORT ANIMALS PROPLE, COMMUNITIES	43.0 2.3 SICULTORAL) 123.9 93.2 5. 5 INSTITUTION 106.7 , ADJOSTMENT, 20	.0 .0 .0 .0	PCS/5RS .0 .0 .0 .0 .0 .0	.0	USDA TOTAL 43.0 6.3 123.9 93.2	SAES 7.2 3.2 23.8 22.6 6.7	.7 .0 .8 .4	
SELECT PI SELECT PI G 2.00: G 3.00: G 4.00: G 6.00:	BOGRAM GROUP SUMMARY NATURAL RESOURCES FOREST RESOURCES CROPS (FIELD 6 HORT ANIMALS PROPLE, CONSUNITIES COMPRESSION, TRADE,	ARS 43.0 2.3 CICULTORAL) 123.9 93.2 93.2 6, 6 INSTITUTION 106.7 , ADJOSTHENT, 27 15.1	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	PCS/5RS .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0	USDA TOTAL 43.0 6.3 123.9 93.2 106.7 35.1	3.2 23.6 22.6 6.7	.7 .0 .8 .4 1.6	

TABLE V-C	STATE SOMMART	OF SCIBNTIST-Y	8182 PO	B FY 1977		(I	PBIKART)	
aageraca so	Addre aroo. pourer.	195	88S	FCS/SkS	PS	USDA TOTAL	SABS	OTH COOP INSTS
9PG 1.00;	NATORAL RESOURCES	.0	.0	-0	.0	.0	5.9	-0
RPG 2.00:	POREST RESOURCES	2.4	.0	.0	6.0	8-4	4.5	.0
PPG 3.00:	CAOPS (FIELD & HOBT	COLTURAL)	.0	.0	.0	-6	13.1	.0
PPG 4.00:	ANIMALS	.0	.0	•0	.0	-0	4. 2	.0
BPG 5.001	PEOPLE, COMMONITIES	, & INSTITUTION	s .0	.0	.0	.1	8. 4	•0
DPG 6.00:	COSPETITION, TRADE,	ADJUSTHBET, PE	ICB & II	O B POLICY	-0	.0	.8	.0
7 7.00:	GENERAL RESOURCE OR	TECHNOLOGY CLA	SSIPICA:	rion itsus	.0	.0	.6	.0
ואריד חיי	.	3.1	.0	.0	6.0	9.1	37.4	.0

TABLE	8 - C	STATE	SUREARY OF	SCIENTIST-FELBS	POR PI	1977	(PRIHARY)
D0091001	DROCDIE	CROSE	CONNIEN				

RESEARCH P	FOGRAB GROUP SURMARY						
	ABS	BRS	PCS/SHS	PS	USDA Total	SIRS	OTH COOP
BPG 1.00:	WATURAL RESOURCES	1.0	. 0	-0	1.0	4.5	.0
RPG 2.00:	FOREST RESOURCES	. D	.0	15.6	15.6	6.3	.0
BPG 3.00:	CROPS (PIELD & HORTICULTURAL)	.0	.0	-0	.0	5.6	.0
RPG 4.00:	a HIMALS .O	.0	•0	.0	.0	6.4	.0
BPG 5.00:	PROPER, COMMUNITIES, & INSTITUTIONS .0	. 9	.0	.0	•9	2.3	.0
BPG 6.00:	COMPETITION, TRADE, ADJUSTMENT, PRIC	. 9 GR & IN	COME FOLICY	-0	. 6	.8	.0
BDG 7 40.	Chuncal Escounce on Escouncious cinc		****				

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TABLE 4-C STATE SURNABY OF	SCIBRTIST-T	HOY EGAN	PY 1977		9)	einber)	
RESEARCH PROGRAM GROUP SUMMARY							
	ARS	ERS	PCS/SPS	FS	MODA LATOT	SABS	OTH COOP
RPG 1.00: NATURAL RESOURCES	.0	.0	•0	.0	.0	22.2	.0
RPG 2.00: FOREST RESOURCES	.0	. 0	.0	4.5	9.5	6.7	.0
RPG 3.00: CROPS (FIBLD & HORTICUL	.TURAL) 4.0	.0	-0	.0	4.0	29.5	.0
RPG 4.00: ANIMALS	.0	.0	-0	.0	_0	7.9	.0
BFG 5.00: PROPLE, COMMUNITIES, &	1 #\$\$110110# .0	1.0	.0	.0	1.0	27.0	-0
RPG 6.00: COMPETITION, TRADE, ADD	O.	.0 #21	YOLLOG MEOD	.0	.0	4-0	.0
RPG 7.00: GEWERAL RESOURCE OR TEC	.0 CHROPOGA CPF	.681FICAT	ensti voi 0.	.0	.0	8.5	-0

RPG 9.00: UNCLASSIFIED

GRAND TOTAL

TABLE V-C STATE SUNBARY	OP SCIBBILIST-1	BABS POR	PF 1977			(PRINABY)	
BESEFECH BEOGEFF GEORD ZARRFER							
	ARS	ERS	PCS/SRS	ęs	USDA TOTAL	NEW YORK ITHACA	GBHBAT
PPG 1.00: NATURAL RESOURCES	5.3	.0	_0	.0	5.3	25.6	1.6
RPG 2.00: FOREST RESOURCES	.0	- 0	.0	1.8	1.8	3.8	.0
BPG 3-00: CROPS (FIRLD & HORTI-	COLTOBAL) 10.7	.0	.0	.0	10.7	44.8	58.6
BPG 4.00: ANIMALS	36.2	.0	.0	.0	38.2	69.5	.5
BPG 5.00: PROPIE, COMMUNITIES,	S INSTITUTION	.0	.0	.0	1-1	46.5	4.7
RPG 6.00: COMPRITION, TRADE,	ADJUSTERNT, PR	.0	.0	.0	.0	12. 1	-0
RPG 7-00: GENERAL RESOURCE OR	TECHBOLOGY CLA	.0	O	.0	3.6	42.2	3.8
RPG 9.00: UNCLASSIFIED	.0	1.0	-0	.0	1.0	.0	.0
GRAND TOTAL	58.9	1.0	-0	1.8	61.7	244.5	69.2

.0 .0 .0 .0 .0 2.3 .0 4.0 1.0 .0 4.5 9.5 108.9 .0

RESBARCE	PROGRIA	GROOP	SOMBART
BE3ERSC4	t booken	6400.	2000000

		185	868	PC3/SBS	78	USDA TOTAL	5185	OTH COOP
EPG 1.00:	BATGRAL SESOURCES	36.7	2,4	.0	-0	39. 1	14.1	.0
BPG 2.09:	POREST BESOURCES	.0	.0	.0	16.0	16.0	10.0	-0
896 3.00:	CROSS (PIRLD & HORTICULT)	081L) 26.4	.0	.0	.0	26.4	43.9	.0
BPG 4.00:	FAIHTT2	56.9	.0	•0	.0	36.9	26.4	.0
BPG 5.00:	PROPLE, COMMODITIES, & I	78.4	.O	.0	.0	78.4	17.4	-0
BPG 6.00:	COMPETITION, TRADE, ADJOS	STREET, P .O	2.9	OBB POLICY	.0	2.9	13.8	.0
RPG 7.00:	GENERAL RESOURCE OR TECH	3.6	ASSIPICATI	OF ITEMS	.0	3,6	11.6	.0
BPG 9.00:	ONCLASSIPIED	.0	-0	.0	.0	•0	.0	.0
GBAND TOTA	L	202.0	5.3	• 0	16.0	223.3	137.1	-0

BESBIBCS PROGRES GROUP SUBSERV							
	165	283	FCS/SRS	PS	OSOA TOTAL	SABS	OTH COOP INSTS
SPG 1.00: WATURAL RESOURCES	.0	.0	.0	.0	.0	11, 1	•0

(PBIHARY)

TABLE T-C STATE SOMBARY OF SCIENTIST-YEARS FOR PT 1977

BPG 2.00: PDBRST BBSOURCES .0 .0 .0 .0 .0 .0 1.6

EPG 3.00: CROPS (PIBLO & ROBIICOLTORAL) .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 . 6 BPG 4.00: AVINALS .0 .0 .0 .0 7.7 .0 - 0 BPG 5.00: PROPIR, COMMUNITIES, & INSTITUTIONS
.0 .0 .0 .0 .0 .0 6.5

RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE 5 INCOME POLICY
.0 .0 .0 .0 .4 .0 .0 .0 -0 BPG 7.00; GENERAL RESOURCE OF TECHNOLOGY CLASSIFICATION ITEMS .0 .0 . 4 .0 .0 .0 .0 .0 38.3 GRAND TOTAL .0

TABLE V-C STATE SOURCES OF SCIENTIST-JEARS FOR PY 1977 (PRIMARY)

BESELECH F	BOGBAN GROUP SUNDARY						
	185	BPS	PCS/SB5	PS	USBA Total	SABS	OTH COOF
BPG 1.00:	NATURAL PRODUCES						
	.0	-0	.0	.0	.0	9.9	.0
BPG 2.001	POREST RESOURCES						
	.0	.0	-0	8.0	8.0	2.3	-0
RPG 3.00;	CROPS (FIELD & HORFICOLTOBAL)						
	.0	-0	• 0	.0	.0	5.9	-0
RPG 4.00:	ATIMALS						
	•0	.0	.0	.0	.0	4.8	.0
RPG 5.00:	PROPER, COMMUNITIES, & INSTITUTION	15					
	•0	.0	-0	-0	.0	4.6	.0
	TRADE, ADJUSTMENT, PI	RICE & IN	CORE POLICY				
	•0	.0	.0	.0	.0	1.5	.0
	URCH OR TRCHROLOGI CL	ASSIPICAS	ION ITEMS				
	•0	.0	.0	.0	.0	3.9	.0
	.0	.0	.0	8.0	8.0	27.8	.0

G 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS
.0 .0 .0 .0 .0

.0

.0

IBLE V-C STATE SUBSERT OF SCIENTIST-TRIES FOR Pt 1977

ESEARCH PROGRAM GROUP SUBBARY

G 2.00: POREST RESOURCES

AND TOTAL

USDA Total OTH COOP P PS .0 7.0 7-5

6 6.001	COMPETITION, TEADS, ADJUSTEE	.O PRICE	.O TACOMS	POLICE	.0	.0	4.2	.0
G 5.00:	PROPER, COMMUNITIES, & INSTI	10710WS	.0	.0	.0	.0	1.7	-0
G 4.002							8, 4	
PG 3.00:	CROPS (PIELD & HORTICOLTURAL	.0	. 0	.0	.0	.0	9.8	.0
PG 2.00:	rodby: aboceaceo	.0	.0	.0	31.7	31.7	6.7	•0

. 0

39.2

.8

30.5

.0

-0

(PRIMARY)

	PROGREM GROUP SUMMART					USDA		ALABAMA
		àB5	359	PC5/3B3	75	TOTAL	SABS	TOSKEGRE
	NATURAL RESOURCES	9.3	.0	- 0	.0	9.3	15. 1	.1
.PG 2.001	PORRST RESOURCES	.0	.0	•0	4.3	4.3	13.3	-0
PG 3.00:	CBOPS (PIBLD 6 HORFIC	0LT08&L) 2.3	-0	.0	•0	2.3	49, 1	1.6
G 4.00;	ARIBALS	3.4	-0	.0	.0	3.4	48.4	4.6
G 5.001	PROPLE, COMMODITIES,	CONTRACTOR	. o	.0	.0	. 8	7.0	1-9
G 6.00:	COMPRESSION, TRADE, A	DJUSTNEWT, PA	1CB & I	WCOMB POLICY	.0	1-1	4.7	.0
PG 7.00;	GEBBAL RESOURCE OF T	ECHFOLOGY CLA	SSIPICA	TION ITBAS	-0	3.7	8.5	1.4
PG 9.00:	DWCLASSIPIRO	.0	.0	.0	.0	.0	9.6	.0
BLYD TOT	et.	20.6	. 0	.0	4.3	24.9	155.6	9,6
	-C STATE SUMBART O	P SCIBBTIST-Y	Elas Po	B PF 1977		(PBI#ART)	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ARS	BRS	PCS/8RS	75	USDA Total	51ES	OTH COOP
PG 1-00:	FATURAL SESOURCES	.0	1.0	.0	.0	1.0	11,2	. 4
PG 2.00:	FOREST BESOURCES							
IPG 3.00:	CROPS (FIRED & HORTIC		-0	•0	3.0	3.0	6, 2	.0
PG 4.00 ;	luints	2.0	.0	.0	.0	5.0	43.0	3.6
PG 5.00;	PROPLE, COMMUNITIES,	.0 5 INSTITUTION	.0 :s	.0	-0	.0	19.0	1.9
PG 6.00;	COMPRISTION, TRADE, A	.0 DJUSTABET, PR	.0 ICE 6 II	.0 BCORE BOLICY	.0	.0	7. 1	2.4
	GBERAL SESCURCE OF T	.0	1. 1	.0	.0	1.1	6.3	.1
BAND TOTA		2.0	, Q 2, 1	.0	-0 3.0	.0	4.3	-0
	••	2.0	2.1	••	3.0	7.1	97.0	8.3
PABLE V-	-C STATE SUBBLET O PROGRAM GROUP SUBBLET				94	IGDA	PRIMARY)	018 C00P
RESEASCE (385	883	PCS/SES	75	USDA TOTAL	Sees	INSTS
BSEASCE	PROGRAM GROUP SUBMART	185 7.3	-0 EB2	PCS/SBS	•0	USDA TOTAL 7.3	Sabs 49.9	
ESBASCB	PROGRAM GROUP SUBMART	185 7.3 .0 GLTURAL;	-0 ##3	PCS/SES		USDA TOTAL	Sees	INSTS
BSEAPCE LPG 1.001 LPG 2.00:	PROCESH CROUP SUBBLET WATURAL RESOURCES FOREST RESOURCES CROPS (FIELD & RORTIC	bR5 7•3 •0	-0 EB2	PCS/SBS	•0	USDA TOTAL 7.3	Sabs 49.9	185±9
RBSEASCB APG 1.001 APG 2.00: APG 3.00:	PROGRAM CROUP SUBMART BATURAL RESOURCES FOREST RESOURCES CROPS (FIELD & RORTIC ARIBALS	7.3 .0 00LTURAL) 60.9	.0 .0	PCS/SRS .0	.0 15.0	050 <u>1</u> 70111 7.3	3225 49.9 14.2	185 1 9 6.3
RESEASCE 1.00: 1	PROGRAM CROUP SUBBLET WATURAL RESOURCES FOREST RESOURCES CROPS (FIELD & RORTIC ARIGALS PROPLE, CORNURITIES,	7.3 .0 oltugally 60.9 2.1 5 IFSTITUTION	.0 .0 .0	PCS/SRS .0 .0 .0 .0 .0	.0 15.0 .0	USDA TOTAL 7.3 15.0 60.9	\$285 49.9 14.2	1#5 † 9 6.3 .0 2.0
iPG 1,001 iPG 2,001 iPG 3,001 iPG 4,001 iPG 5,001	PROCERM GROUP SUBBLET WATURAL RESOURCES FOREST PRESURCES CROPS (FIELD & BORTIC ARIBALS PROPLE, CORNUNITIES, A	ARS 7.3 .0 0LTURAL) 60.9 2.1 6 IFSTITUTION 17.9 DJUSTBENT, PR	.0 .0 .0 .0 .0 s	PCS/SRS .0 .0 .0 .0 .0 .0 .0 .0 .0	.0	7.3 15.0 60.9	\$485 49.9 14.2 195.5	185±9 6.3 .0 2.0
RESEASCE 14001 140	PROGRAM CROUP SUBMARY WATURAL RESOURCES FOREST RESOURCES CROPS (FIELD & RORTIC APIELLS PROPLE, CORNUNITIES, CORPETITION, TRADE, A	ARS 7.3 .0 0LTURAL) 60.9 2.1 6 IFSTITUTION 17.9 DJUSTBENT, PR	.0 .0 .0 .0 .0 s	PCS/SRS .0 .0 .0 .0 .0 .0 .0 .0 .0	.0	USDA TOTAL 7.3 15.0 60.9 2.1	\$49.9 14.2 195.5 51.5	185 79 6.3 .0 2.0 1.6
RESEASCE 1.001 1.0	PROCERM GROUP SUBBLET WATURAL RESOURCES FOREST PRESURCES CROPS (FIELD & BORTIC ARIBALS PROPLE, CORNUNITIES, A	ARS 7.3 .0 GLTURAL; 60.9 2.1 6 IMSTITUTION 17.9 DJUSTABUT, PE 8.0	-0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	PCS/SRS .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0	USDA TOTAL 7.3 15.0 60.9 2.1 17.9	\$385 49.9 14.2 195.5 51.5	185 x 9 6 . 3 . 0 2 . 0 1 . 6 3 . 6 0

5.2

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RPG 1.00: NATURAL RESOURCES

RPG 2.001 POREST RESOURCES

BPG 4.00: ANIMALS

GRAND TOTAL

BPG 3.00: CROPS (FIBLD & HORTICULTURAL)
155.3

SPG 5.00: PHOPLE, COMMUNITIES, & INSTITUTIONS

BPG 6.00: COMPRISION, TRADE, ADJUSTMENT, PRICE 8 INCOME POLICE 3.9 3.8 0

RPG 7.00: GRYBRAL RESOURCE OF TRCHBOLOGY CLASSIFICATION ITEMS 1.5 .0 .0

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		ARS	JES	PCS/SES	79	GSDA TOTAL	SABS	ota coof	POR SC
BPG 1.00:	FITURAL BESOURCES	23.8	.7	.0	.0	24.5	9.9	.8	
RPG 2.00:	FOREST RESOURCES	.0	.0	.0	37.5	37.5	23. 3	.0	
RPG 3.00:	CHOPS (FIELD & BORTIC		1.3	.0	•0	81.7	65.9	.3	
EPG 4.00;	ANIMALS	5.0	.0	.0	.0	5.0	34.0	.6	
BPG 5.00:	PROPIE, COMMONITIES,	& IPSTITUTIO	115		.0	3.0	1.7	3.3	
RPG 6.00:	COMPETITION, TRADE, 1				.0	3.1	4.2	.0	
RPG 7.00:	GBURRAL RESOURCE OR T					8.1	2.8	.1	
BPG 9.00;	UNCLASSIPIED	8.1	.0	.0	.0	.0	.0	.0	
TOT GELED	àc.	.0 119.3	-0 6.1	.0	37.5	162.9	147.9	5.1	
	-C STATE SUBMANY O	F SCIBNTIST-	-TELES FOI	FCS/SBS	75	USDA TOTAL	{PBIUART}	OTB COOP INSTS	POE
BPG 1.00:	NATURAL RESOURCES	5.0	.0	.0	.0	5.0	17.4	3.2	
RPG 2.00t	POSEST RESOURCES	.0	.0	•0	34.1	34.1	17.0	.0	
RPG 3.00:	CROPS (FIELD & BORTIC		.0	.0	.6	30.3	93.7	.2	
APG 4.00:	Arisals	.6	.0	.0	.0		35.0	2.0	
RPG 5.00;	PROPLE, CONMUNITIES,	& INSTITUTE	ots			.6			
BPG 6.00;	COMPETITION, TRADE, A				.0	2.3	13.4	2.4	
		1.0	1.2	.0	.0	2. 2	5.0	. 6	
89G 7.001	GERERAL BESOGREE OF T								
		BCHROLOGY CI 1.9 41.0	.ssificit .0	O .0	.0 34.1	1.9 76.4	21.9 203.5	.0 8.4	
BPG 7.00:		1.9	.0	.0					
Chele Tota		1.9	.0	.0		76.4		8.4	
GRIKO TOTA	-C STATE SGEMARY O PROGRAM GROUP SGEMARY	1.9	.D 1.3 -YEARS POI	.0 .0		76.4	203.5		
PABLE T. RESERROR F	C STATE SUBMERY O PROGRAM GROUP SUBMARY WAYURAL RESOURCES	1.9 41.0 ? Scishtist	.D 1.3 -YEARS POI	.0 .0 8 FE 1977 PCS/SRS	34.1	76. 9	203.5	078 COOP	
PARLE TOTAL	C STATE SCHOLET OF PROGRAM GEOUP SUBMART WATURAL SESOURCES FOREST RESOURCES	P SCIBBTIST- ARS 19.6	.0 1.3 - YEARS POI	.0 .0 R FE 1977 PCS/9RS	34.1	76.4 USDA ZOTAL	(PRIMARY) SARS	OTH COOP IFSTS	
TABLE TOTAL POTAL PROPERTY OF THE PROPERTY OF	C STATE SOUBLEY OF PROGRAM GROUP SUBMARY WATURAL RESOURCES FORBER RESOURCES CROPS (PIRLO & MORTIC	P SCIBBTIST- ARS 19.6	.0 1.3 -YZARS FOI ZAS 1.0	.0 .0 .0 PCS/9RS .0	25 .0	US DA 20TAL 15.6	(PBIMABY) SARS 6.6 4.6	OTB COOP IFSTS 4.3	
TABLE TOTAL POTAL PROPERTY OF THE PROPERTY OF	C STATE SQUEARY OF PROGRAM GROUP SUBMARY WATURAL RESOURCES FORBEST RESOURCES CROPS (PIRLO & MORTIC	1.9 41.0 ? SCIBBTIST- ARS 10.6 -0 OLTUBAL) 10.5 4.7	.0 1.3 -YEARS FOI -YEARS -00 -0 -0	.0 .0 .0 PCS/9RS .0	25 -0	US DA 20TAL 15.6	(PBIMABY) SARS 6.6 4.6	078 COOP 1#STS 4.3 .0	
TABLE TOTAL POTAL PROPERTY OF THE PROPERTY OF	C STATE SOUBLEY OF PROGRAM GROUP SUBMARY WATURAL RESOURCES FORBER RESOURCES CROPS (PIRLO & MORTIC	1.9 41.0 ? SCIBBTIST- ARS 10.6 -0 OLTUBAL) 10.5 4.7	.0 1.3 -YEARS FOI -YEARS -00 -0 -0	.0 .0 .0 .0 .0	PS .0 .0 .0	US DA 707AL 15.6 .0	(PRIBLEY) SARS 6.6 4.6 34.5	01% COOP 1#815 4.3 .0 5.5	
TABLE TOTAL POTAL PROPERTY OF THE PROPERTY OF	C STATE SOMMERY OF PROGREE GROUP SUMMERY WATURAL RESOURCES FOREST RESOURCES CROPS (PIRLO & SORTIC AWIDALS EOPLE, COMMUNITIES, ', A	1.9 41.0 F SCIBBTIST- ARS 10.6 .0 OLTUBAL) 10.5 4.7 S IMSTITUTE .0 DJUSTBB#T, 1	.0 5.3 -YZARS FOI -0 -0 -0	.0 .0 .0 .0 .0	PS .0 .0 .0 .0	USDA 20TAL 15.6 .0 10.5 4.7 1.8	(PRIBLEY) SARS 6.6 4.6 34.5	018 COOP IFSTS 4.3 .0 5.5	
TABLE TOTAL PROPERTY OF THE PR	C STATE SOMMERY OF PROGREE GROUP SUMMERY WATURAL RESOURCES FOREST RESOURCES CROPS (PIRLO & SORTIC AWIDALS EOPLE, COMMUNITIES, ', A	1.9 41.0 P SCIENTIST- ARS 14.6 .0 OLTUBAL) 10.5 4.7 5 INSTITUTE .0 PJUSTERNT, 1.0	-YEARS FOI FAS 1.0 -0 -0 -0 PRICE S II.8	.0 .0 .0 .0 .0 .0	25 .0 .0	US DA 20TAL 15.6 .0 10.3 4.7 1.8 4.1	203.5 (PRIBIRT) SARS 6.6 4.6 34.5 24.2 8.5	078 COOP IFSTS 4.3 .0 5.3 .0	
TABLE TOTAL POTAL PROPERTY OF THE PROPERTY OF	C STATE SOMMERY OF PROGREE GROUP SUMMERY WATURAL RESOURCES FOREST RESOURCES CROPS (PIRLO & SORTIC AWIDALS EOPLE, COMMUNITIES, ', A	1.9 41.0 P SCIENTIST- ARS 14.6 .0 OLTUBAL) 10.5 4.7 5 INSTITUTE .0 PJUSTERNT, 1.0	-YEARS FOI FAS 1.0 -0 -0 -0 PRICE S II.8	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	25 .0 .0 .0 .0 .0	US DA 207AL 15.6 -0 10.5 4.7 1.8	203.5 (PRIBLET) SARS 6.6 4.6 34.5 24.2 8.5 10.4	078 COOP 1#875 4.3 .0 5.5 .0	FOR

RPG 1.00: NATURAL BESOURCES

		3.6	- 0	.0	•0	3.6	8.3	1.8	
BPG 2.00:	PORBST RESOURCES	.0	-0	.0	17.2	17.2	. 3	.0	
PG 3.00:	CROPS (PIBLD & HORTIC	COLTURAL) 28.9	.0	.0	.0	28.9	51.9	2.9	
PG 4.00:	ANIMALS	.0	.0	• 0	.0	.0	21.5	.0	
PG 5.00:	PBOPLE, COMMONITIES,		.9	.0	.0	3.9	7.1		
PG 6.00:	COMPETITION, TRADE, A	DJUSTABNT, PRIC	E & I	ACOME BOLICA				2.9	
PG 7.00:	ORMBRAL RESOURCE OR T	.0 BCHROLOGY CLASS	2.0 SIPICAT	.0 PASTI KOPI	.0	2.0	4.6	.0	
PG 9.00±	UNCLASSIFIED	•0	•0	.0	.0	.0	3.1	.3	
BAND TOTA		.0 35.5	.0 2.9	.0	.0 17.2	-0 55-6	1.0 97.8	.0 7.8	
TADLE V-		OP SCIBNTIST-YB	ABS PO	g Pf 1977		(I	PŘIHARYJ		
RESBARCH P	BOCRAM GROUP SUMMARY	_				OSDA	•	OTH COOF	
RPG 1.00:	WATURAL RESOURCES	ARS	ERS	PCS/SBS	FS	TOTAL	SAES	INSTS	
PG 2.00:	POREST RESOURCES	.7	-0	-0	.0	.7	6. 1	1.2	
	CROPS (PIRLD & HORTIC	.0 CULTORALI	٥.	.0	4.0	٥.0	8.0	.0	
PG 4.00:	•	9.9	.0	.0	.0	9.9	39.8	.4	
		2.2	.0	.0	.0	2.2	27.0	1.3	
G 5.00:		4.0	•0	•0	.0	4.0	11.5	3.3	
	COMPETITION, TRACE, I	.0	-0	-0	.0	.0	6, 2	.6	
°G 7.00:	GENERAL RESOURCE OR	PECHNOLOGY CLASS	.0	.0	.0	-0	2.4	. 3	
9.00:	UNCLASSIPIBD	-0	.0	-0	.0	.0	-0	.0	
BRAND TOTA	ı.	16.8	•0	.0	4.0	20.8	101.0	6.9	
TABLE V- Reserbch p	C STATE SUMMARY (OF SCIENTIST-TE	les po	R FT 1977		¢	PRISARTI		
		ABS	RES	PCS/SRS	PS	OSDA TOTAL	SABS	OTH COOP	
PG 1.00;	WATURAL RESOURCES	25.1	-0	.0	.0	25, 1	37. 3	1.0	
PG 2.00:	POREST RESOURCES	.0	.0	•0	4.6	4.6	5.5	.0	
eg 3.00:	CROPS (FIELD & SORTIO		.0	•0	.0	78.6	110.6	.6	
PG 4-00:	AHIHALS	43, 1	.0	•0	.0	43.1	41.8	.1	
PG 5.00:	PROPLE, COMMUNITIES,	& INSTITUTIONS				7.0	11-1		
PG 6.001	COMPETITION, TRADE, A	7.0 Lojosthbut, Pri	.0 CB_6_I:	NCORR POLICY	.0				
	• •	4.1	4.2	.0	.0	8.3	12.0	.2	

BPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS 5.6 .0 .0 .0

.0 .0

BPG 9.00: UNCLASSIFIED

GRAND TOTAL

ARS ERS PCS/SRS FS

3.6

.0 .0 3.6

USDA OTH COOP PO TOTAL SABS INSTS

8.3

1.8

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4.6 172.3 272.3

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RESELECT PROGREE CHOOP SCHELST								4
	185	88s	PCS/SBS	PS	TOTAL	SAES	OTB COOP IESTS	FORRST SCHOOL
BPG 1.00: FATURAL RESOURCES	٠.	-0	.0	-0	.4	14.7	.3	
eys 2.00: Pobest associas	-0	.0	-0	.0	.0	17.7	.0	
BPS 3.00: CROPS (FIBLD & BOBITCOLIOR	8.5	.0	.0	.0	8.5	47.3	5.8	
SPE 4.00: ABIBALS	.0	•0	-0	.0	-0	35.2	1.0	
BPG 5.00: PROPIE, COMBUNITIES, 8 INS	.3	ONS .4	•0	.o	.7	17.5	4.2	
200 6.00: COMPRINTON, TRADE, ADJUST				.0	1.0	7.3	.0	
BPG 7.00: GENERAL BESONRE OR TECHNO	orogr (.0	.1	21,9	.0	•
RPG 9.00: ONCLASSIPIED	.1							•
CRIND TOTAL	.0 9.3	.0 1.4	.0	.0 .0	.0 10.7	.7 162.3	.0 11.7	
TIBLE F-C STITE SUBBLET OF SCI PESBERCH FROGRAM GROUP SUBBLET	IBNTIS	T-TBIAS POR			GSDA	(PBIHABT)	оти соор	I I Poreste
BPG 1.00: WATURAL BESODECES	188	ERS	PCS/SRS	PS	TOTAL	SABS	INSTS	508001
RPG 2.00: POBEST BESODECES	4.3	,0	-0	•0	4.3	6.4	•0	•
APS 3.00: CROPS (PIELD & HORTICULTU)	.0 RAI.1	.0	.0	6.0	6.0	.0	.0	•
RPG 4.00: ANIMALS	5.0	.0	.0	.0	5.0	73.4	.0	•
·	.0	.0	.0	.0	-0	4.8	.0	•
RPG 5.00: PROPER, COMMONITIES, & IN:	3.0	.0	.0	.0	3.0	7.7	.0	•
BPO 6.00: COMPRTITION, TRADE, ADJUST	.0	-0	-0	• 0	.0	8.7	.0	
REG 7.00: GENERAL PRESOURCE OF TICHM	ologf O.	CLASSIFICAT .0	.0	-0	.0	2.4	.0	
GRAND TOTAL	12.3	.0	•0	6.0	18.3	103.4	.0	•
TABLE T-C STATE SUBMAPT OF SC. RESEARCH PROGRAM GROUP SUBMART	IRWTIS		PT 1977		USD∆	(PBIKART)	OTR COOP	
BPG 1.00: NATORAL BESOURCES	284	ERS	PCS/58S	25	TOTAL		INSTS	SCHOOL
BPG 2.00: POREST RESOURCES	-4	.0	.0	.0	.4	-0	.0	•
BPG 3.00: CROPS (FIRLD & HORTICULTU	- 0 RAL1	.0	.0	.0	.0	.0	-0	•
	.0	.0	.0	٠.٥	.0	2.4	•0	•
RPG 4.00; ANIBALS	.0	.0	.0	.0	-0	2.1	.0	•
BPG 5.00: PBOPIE, COMMUNITIES, & IN	•4	.0	.0	-0	.0			•
091H0 T0711	. 4	.0	.0	.0	. 4	4.5	-0	•
				10				

C STATE SURBARY OF SCI	BNTIS	ST-IZABS PO	A Pr 1977			(PRIMARY)		B
ROGBAN GROUP SUNNARY					10 pn		OFF COOP	8. 10 7 9 8 9 0 9
··· Buoss openancye	185	885	PCS/SRS	FS	POTAL	SABS	INSTS	SCHOOL:
	.6	-0	.0	•0	.6	2.0	.0	.0
	-0	.0	•0	15.9	15.9	-0	.0	1.0
CROPS (PIRLD & HORTICOLTOR	RAL) 4.3	.0	.0	.0	4.3	4.1	.0	.0
AHIMALS	. 3	-0	.0	.0	.3	1.4	.0	-0
PROPLE, COMMONITIES, & INS	TITOT	rions .0	.0	.0	.0	.7	.0	.0
COMPETITION, TRADE, ADJUST	. THENT	. PRICE & II	HCOMB POLIC	.0	.9	2. 1	.0	.0
GENERAL RESOURCE OR TECHNO	roose 0.				.0	.0	.0	.0
L	6.1	.0	.0	15.9	22.0	10.3	.0	1.0
	ENTIS	ST-YEARS POP	R PY 1977			(PRIMARY)		88
Washing Cannas 47850V	*58	222		50	USUA		07H C00P	
NATURAL RESOURCES		ers	PCS/SRS	PS	TOTAL	5189	IHSTS	5CHODLS
	21.6	-0	.0	.0	21-6	24.7	.0	.3
	-0	-0	-0	12.8	12.0	7.0	.0	3.6
1		-0	.0	-0	108.7	54.3	.0	.0
	3.3	•0	.0	.0	3.3	36.4	•0	.0
	34.5	.0	.0	.0	34.5	15.7	.0	- 2
COMPETITION, TRADE, ADJUST	1.4	PRICE & TY 4.6	HCOMB POLIC	.0	6.0	14.9	-0	.0
	21.7	CLASSIFICAT	TION ITBMS	.0	21.7	10.3	.0	.0
UNCLASSIPIED	.0	.0	.0	.0	.0	.5	.0	.0
	91.2	4.6	.0	12.8	208.6	163,7	-0	9.3
	ENTIS	ST-TELES FOI	8 P Y 1977			(PBI#181)		R S
ROGBAM GROUP SUMMARY					adeg Adeg			HI Veressor
SECOND DESCRIPCES	ARS	RRS	PCS/SBS	P5		5185		
	5.0	•0	.0	.0	5.0	21.0	.0	-0
	.0	-0	.0	.0	.0	12.4	.0	.0
	10.0	•0	.0	.0	10.0	49.3	.0	-0
ARINALS	2.4	.0	-0	.0	2.4	32.8	.0	.0
PROPER, COMMUNITIES, & INS	.2		.0	.0	.2	13.8	.0	.0
COMPETITION, TEADE, ADJUST	. THENT,		PCOMB POLIC	.0	2.1	13.6	.0	-0
GENERAL RESOURCE OF TECHNO					2.2		.0	-0
UNCLASSIPIRO								-0
L	19.8	2.1	.0	.0	21.9	176.5	.0	.0
				19				
1	ROGGAR GROUP SUMBARY WATURAL RESOURCES POREST RESOURCES CROPS (PIRLD 6 HORTICOLTUR ANIBALS PROPLE, COMMONITIES, 6 INS COMPETITION, TRADE, ADJUST GENERAL RESOURCES FOREST RESOURCES FOREST RESOURCES CROPS (PIRLD 6 HORTICOLTUR ANIMALS PROPLE, COMMONITIES, 6 INS COMPETITION, TRADE, ADJUST GENERAL RESOURCE OR TECHNO UNCLASSIFIED C STATE SUMMARY NATURAL RESOURCES FOREST RESOURCES CROPS (FIRLD 6 HORTICULYUR ANIMALS PROPLE, COMMUNITIES, 6 INS COMPETITION, TRADE, ADJUST GENERAL RESOURCES CROPS (FIRLD 6 HORTICULYUR ANIMALS PROPLE, COMMUNITIES, 6 INS COMPETITION, TRADE, ADJUST GENERAL RESOURCES CROPS (FIRLD 6 HORTICULYUR ANIMALS PROPLE, COMMUNITIES, 6 INS COMPETITION, TRADE, ADJUST GENERAL RESOURCE OR TECHNO UNCLASSIPIED UNCLASSIPIED	ROGGAN GROUP SUMMARY ARS NATURAL RESOURCES .6 POREST RESOURCES .0 CEOPS (PIELD 6 HORTICOLTURAL) 4.3 ANIBALS .3 PEOPLE, COMMONITIES, 6 INSTITUT .0 COMPETITION, TRADE, ADJUSTMENT, .9 GENERAL RESOURCE OR TECHNOLOGY .0 L .6.1 C STATE SUMMARY RATURAL RESOURCES .0 CEOPS (PIELD 6 HORTICOLTURAL) 100.7 ANIMALS .3.3 PEOPLE, COMMUNITIES, 6 INSTITUT .04.5 COMPETITION, TRADE, ADJUSTMENT, .4 GENERAL RESOURCE OR TECHNOLOGY 21.7 UNCLASSIPIED .0 C STATE SUMMARY RESOURCES .0 CROPS (PIELD 6 HORTICULTURAL) .0 4.1 C STATE SUMMARY ARS NATURAL RESOURCES .0 CROPS (PIELD 6 HORTICULTURAL) .0 ANIMALS .2.4 PEOPLE, COMMUNITIES, 6 INSTITUT .2 COMPETITION, TRADE, ADJUSTMENT, .0 ANIMALS .2.4 PEOPLE, COMMUNITIES, 6 INSTITUT .2 COMPETITION, TRADE, ADJUSTMENT, .0 ANIMALS .2.4 PEOPLE, COMMUNITIES, 6 INSTITUT .2 COMPETITION, TRADE, ADJUSTMENT, .0 GENERAL RESOURCES .0 CROPS (PIELD 6 HORTICULTURAL) .0 CHECLASSIPIED .0 CHIELD 6 HORTICULTURAL) .0 CHECLASSIPIED .0 CHIELD 6 HORTICULTURAL) .0 CHECLASSIPIED .0 CHIELD 6 HORTICULTURAL) .0 CHECLASSIPIED .0 .0	ROGBAN GROUP SUMMARY ARS BES MATURAL RESOURCES .6 .0 POREST RESOURCES .0 .0 ANIBALS .3 .0 PEOPLE, COMMONITIES, & INSTITUTIONS .0 .0 COMPETITION, TRADE, ADJUSTMENT, PRICE & II .4 .5 GENERAL RESOURCES .0 .0 COMPETITION, TRADE, ADJUSTMENT, PRICE & II .4 .6 COMPETITION, TRADE, ADJUSTMENT, PRICE & II .4 .6 COMPETITION, TRADE, ADJUSTMENT, PRICE & II .6 .1 COMPETITION, TRADE, ADJUSTMENT, PRICE & II .6 .0 COMPETITION, TRADE, ADJUSTMENT, PRICE & II .6 .0 COMPETITION, TRADE, ADJUSTMENT, PRICE & II .7 .0 COMPETITION, TRADE, ADJUSTMENT, PRICE & II .7 .0 COMPETITION, TRADE, ADJUSTMENT, PRICE & II .7 .0 COMPETITION, TRADE, ADJUSTMENT, PRICE & II .0 .0 ANIMALS .2 .4 .0 COMPETITION, TRADE, ADJUSTMENT, PRICE & II .0 .0 COMPETITION ADJUSTMENT, PRICE & II .0 .0 COMPETITION ADJUSTMENT, PRICE & II .0 .0 COMPETITION ADJUSTMENT, PRICE &	ROGERE GROUP SUMMARY ARS	ROGELM GROUP SUMMARY LARS	ABS	MATURAL RESOURCES AREA RESOUR	NOTES AND SAME TO SET THE STORE THE STORE TO SET TO SET TO SET THE SET OF SET THE SET

SEARCE F	ROGBAN GROUP SUBBART								
		ars	eas	PCS/SBS	PS	OSDA TOTAL	SARS	OTH COOP INSTS	POBRST SCHOO
B 1-00:	SATURAL RESOURCES	2.1	. 7	-0	.0	2.8	20.0	.0	
g 3.09:	POJEST BESOURCES	•0	. 0	•0	-0	. 0	9.2	.0	
G 3.00:	CROPS (PIBLD & HORTIC	DLTOBAL) 15. B	.0	. 0	.0	15.8	35.6	.0	
G 4.00:	AMINALS	56. 1	.0	.0	.0	56. 1	24.6	.0	
G 5.00:	PROPER, COMMONITIES,			.0	•0	-1	14.9	.0	
G 6.Q0:	COMPETITION, TRADE, A					1. 7	6.6	.0	
G 7.00;	GENERAL PROUBCE OR T	ECHNOLOGY CLA	SSIPICA	TION ITEMS	.0				
G 9.00:	ONCLASSIPIED	3.0	.0	.0	.0	3.0	6.2	a.	
AND TOTA	ıL.	.0 78.8	.0	.0	.0	.0 79.5	4.4 116.6	.0	
BLB 5- SYLBCU 9	C STATE SUBSABY O	P SCIBETIST-I	elas fo	B 61 1311		•	BBIRBB1)		
		ABS	BPS	FCS/SRS	PS	OSDA Total	SAES	OTH COOP INSTS	Forest Schoo
G 1.00:	WATURAL RESOURCES	5.1	.0	.0	-0	5.1	20.0	.0	,
G 2.00:	FOREST RESOURCES	. 0	.0	. 0	-0	•0	4 • 6	-0	
G 3.00:	CROPS (PIELD & EOSTIC	01708A1) 24.7	-9	-0	.0	25.6	67.6	.0	
G 4.20:	ARIMALS	. 2	.0	.0	.0	. 2	39.6	.0	,
G 5.00:	PEOPLE, COMMUNITIES,	6 IRSTITUTION	s .0	.0	٠0	1. 9	15.5	.0	
G 6.00:	COMPETITION, TEADE, A	DJUSTSENT, PR. 3.7	ICE & I 2.1	BCORE POLICY	.0	5.0	10.8	.0	
G 7.00:	GEBEBAL RESOURCE OR T	SCHROLOGY CLA	SGIFICA O	T108 ITEMS -0	.0	•1	13. 2	.0	
G 9.00:	ONCLASSIPIED	.0	.0	.0	-0	.0	14. 9	.0	
AND TOTA	ւ	35. 2	3.0	• 0	-0	38-2	185.6	.0	•
8 1. 8 4-1	C STATE SOMBART O	7 SCIBNTIST-1:	3185 PO	8 PX 1977		ß	PBIKARY)		,
эвьяся е	SOCBLE CROSP SUBBLET								1
		185	R85	PCS/SBS	PS	es da Pota L	SARS	BICHIGAR	ROUGHT
G 1.00:	MATURAL RESOURCES	•1	1.0	.0	.0	1.1	24.0	.0	
3 2.00;	POREST RESOURCES	.0	.0	.0	19. 1	19- 1	9.5	4.9	13.
3.00:	CROPS (FIELD & BORTIC	OLTOBAL) 11.6	0	.0	۰.	11.6	52.6	.4	
4.00:	LHIMALS	10.0	.0	.0	.0	30.Q	32.0	•0	
5.00:	PROPER, COMMUNITIES,	s institution: O		.0	.0	.0	18.6		
6.00:	COMPRTITION, TRADE, A	•				.5	9.9		
7.00:	GENERAL RESOURCE OR T				.0	.0	21.7		
9,00:	ONCLASSIPIED	.0	.0						•
NND TOTAL	ı.	21.7	1.5	.0	-0 19. I	-0 42.3	.0 168. J	•0 5•3	13.
						~			
						-			

BPG 1.00: 1	ATOBAL RESOURCES								
		16.4	.0	.0	.0	16.4	17.7	-0	
BPG Z.VV: :	OBEST RESOURCES	-0	-0	.0	34.8	34.8	22.0	-0	
BFG 3.00: C	ROPS (FIELD & HURTICULT)	14.9	-0	.0	.0	14.9	51.5	.0	
RPG 4.00; I	LNIMELS	-1	.0	.0	.0	.1	29.3	.0	
3PG 5.DO: E	BOPLE, CONSUSTITES, 6 I	ITOTITEN S.	e KO	• 0	.0	.6	27.4	.0	
PG 6.00: C	COMPETITION, TRADE, ADJU	SINENT,	PRICE & IN	CONB POLICY					
PG 7.00+ (SBNBRAL RESOURCE OR TECH	1.9 Notogy C	1.9 Lassipicat	1.9 24871 WOY	.0	5.2	5.9	-0	
		-6	.0	.0	.0	.6	14. 2	-0	
PG 9.00; (JNCLASSIPIRD	-0	•0	.0	.0	.0	- 2	.0	
GRAND TOTAL		34.3	2.0	1.4	34.8	72.5	168.0	•0	
Tible V-C	STATE SUMMARY OF SC	CIBNTIST	-YBLRS POR	PY 1977		(1	PRIBARY)		
гозинси гис	OBBIT GROVE SUITABLE	•				OSDA		OTH COOP	
RPG 1.00: N	ATURAL RESOURCES	ARS	785	FCS/82S	PS	TOTAL	SARS	Insts	SCI
		9.0	.0	•0	-0	9.0	10.5	.0	
7G 2.00; F	OREST RESOURCES	.0	-0	.0	6.0	6.0	10.8	.0	
PG 3.00: C	HOPS (PIBLD & BORTICULT)	URAL) 14.1	.0	.0	.0	14.1	39, 1	1.0	
PG 4.00: A	NIMALS	4.7	.0	•0	.0	4.7	26. 2	4.6	
rg 5.00: P	EOPLE, COMMUNITIES, 6 1	MSTITOTI	ONS 1.0	•0	.0	1. 1	10.7	11.7	
PG 6.00: C	OMPETITION, TRADE, ADJU	STERNT,	PRICE & IN	COME POLICY	_				
PG 7.40: G	BHBRAL RESOURCE OR TECH	.7 Fology c	1.1 Lassificat	O. SHETT ROL	- 0	1.8	10.2	.0	
		8. 1	.0	.0	•0	8.1	8.8	.0	
PG 9.001 (MCLASSIFIED	.0	.0	-0	•0	•0	. 4	.0	
BRAND TOTAL		36.7	2. 1	-0	6.0	44.8	116.7	17,3	
TABLE V-C		CIBRTIST	-YEARS FOR	PF 1977		(PRIMARY)		
BRSBARCH PRO	GRAM GROUP SUMMARY					ØS DÅ		OTH COOP	Pos
		185	BRS	PCS/SBS	PS	TOTAL	SIES	INSTS	SÇ
RPG 1.00: 1	NATURAL RESOURCES	11.3	2.6	.0	.0	13.9	13.3	.0	
PG 2.00: 1	POREST RESOURCES	.0	. 0	.0	4.0	4.0	2.0	-0	
Pg 3.00: (CHOPS (PIELD & HORTICULT	ORAL) 12.0	.0	.0	.0	12.0	49.5	-0	
PG 4.001 2	MISALS		1-2					.0	
PG 5.001 I	PROPLE, CONNUNITIES, & I		ONS						
	COMPETITION, TRADE, ADJU	.1	.0	.0 ************************************	•0	.1	15.0	.0	
164 0°001 (-conservation, TRADE, ADJII								
	Contact to the total	.6	2.3	*0	.0	2.9	8.3	.0	

RPG 7.90: GENERAL BROUNCE OR TECHNOLOGY CLASSIFICATION ITEMS

6.1

47.7

.0 .0 .0

.0

RPG 9.00: ONCLASSIVIED

GRASD TOTAL

USDA OTH COOP POB ARS RBS PCS/SRS PS TOTAL SARS INSTE SC

-0

4.0

.0 \$2.0 57.8 144.2

.0

BCR 5	BOORFA CHOOL 2044FEE								1081
		888	BRS	PCS/SES	78	OSDA Total	SARS	OTH COOP	PORESTRE C
001	FATURAL RESOURCES	9.7	1.5	.0	.0	11.2	21.7	.0	. a
.00:	POREST BESOURCES	.0	.0	.0	3.0	3.0	.7	.0	.0
.00 \$	CROPS (FIELD & HORTIC	OLTORAL)							
.00:	AHIALLS	18.9	-0	.0	.0	18.9	50.9	-0	.0
.00:	PROPIS, COMEDITIES,	.5	.0	.0	.0	.5	12.6	.0	-0
	·	20.3	.1	.0	-0	20.4	5.7	.0	.0
.00:	COMPRISTION, TRADE, 1	.0	.0	.0	-0	.0	5.8	-0	-0
.00:	GENERAL RESOURCE OR 1	IBCHNOLOGY CLIS: 17.0	SIFICAT	O.	_0	17.0	18.3	.0	-0
002	UVCLASSIPIBD	-0	.0	.0	.0	.0	.0	.0	-0
TOTA	L	66.4	1.6	•0	3.0	71.0	115.7	•0	-0
۷-		DP SCIBBTIST-12	ARS POI	3 Pf 1977			[PBIHABY]		ergi
BCB P	BOCKIN GROUP SUMMINI					OSOF		0810	OIGO Verenos
.00:	BATURAL RESOURCES	ARS	BBS	PC9/825	P S	TOTAL	SABS	BLLTANCE	SCHOOLS
	POREST RESOURCES	6.7	.0	-0	-0	6.7	15.7	-0	.0
		.0	•0	-0	26.0	26.0	6.9	.0	.0
	CHOPS (FIRLD & HORTIC	17.3	-0	•0	.0	17.3	45.3	.0	.0
:00	AFIBALS	-0	.0	-0	.0	.0	31.3	.0	.0
.00:	PROPLE, COMMUNITIES,	FIRSTITUTIONS	-0	-0	-0	1.0	11.0	_0	.0
.00:	COMPETITION, THANK,	ADJUSTBUT, PET 0.	.0 CE & 1	CONB POLICE	.0	.0	4_1	-0	.0
.00:	GENERAL RESOURCE OF 1	PACHHOLOGY CLIS	SIFICA:	riou items .0	.0	2.7	3.6	.0	.0
.00:	ORCLASSIFIED	.0	-0	.0	.0	.0	.0	.0	.0
Tota	L	27.6	•0	.0	26.0	53.6	117.8	-0	.0
¥-(CB P)	C STATE SURMERT O ROORAS GROOP SUMMERT	P SCIERTIST-TE	les pog	L PE 1977		ŧ	Painlai)		2002 2863
		185	BRS	PCS/325	PS	USDA	SABS	OTH COOP	PORESTRI C
00:	FATURAL RESOURCES	•0	.0	-0	.0	-0	11.6	.0	.0
00:	FORBST RESOURCES	.0	.0	• 0	7.0	7.0	1.8	.0	.0
0 0 :	CROPS (PIBLD 6 BORTIC		.0	•0	.0	12.5	18.7	.0	.0
00:	ANISILS	-0	-0						
00:	PROPLE, CONSUSTITIES,	& INSTITUTIONS		-0	.0	-0	21.5	.0	-0
00:	COMPETITION, TRADE, A	.O DJUSTURNT, PRIC	.0 11 8 81	-0 COMB POLICE	.0	-0	7.5	.0	-0
00:	GENERAL RESOURCE OR T	.0	. 9	•0	.0	.9	4.1	.0	.0
	UNCLASSIFIED	. 2		.0	.0	.2	11.7	-0	-0
		.0	-0	•0	.0	-0	4.9	.0	•0
TOTA	,	12.7	.9	-0	7.0	20.6	81.8	-0	-0

BPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY

.0

1.0

apg 2.00: POBEST RESOURCES

EPG 4.00: ANIMALS

RPG 3.00: CROPS (FIRLD & HORTICOLTORAL)

RPG 5.00: PROPER, COMMONITIES, & INSTITUTIONS

.0 3.0 .0

.0

-0

.0

.0

USDA OTH COOP FO SBS FS TOTAL SABS INSTS S

3.0

117.0

14.9

140.7

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-0

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.0

.0

.0

(PBIGABY)

1.0	28. 3	-0
.0	23.7	.0
.0	10.3	.0
4.0	25.0	.0

161. 2

20.1

11.5

42.3

.0

.0

.0

3181T	Y-C	STATE SUBBART OF SCIENTIST-TRADS FOR PT 1977	
31811	Y-C	STATE SUBBLET OF SCIENTIST-IELDS FOR PT 1977	

BPG 7.00: GEBBEAL RESOURCE OR TECHNOLOGY CLASSIFICATIOF ITEMS

(PRIBART)

10. 1

124.5

-0

91.8

. 0

.0

31.0

BESBARCE I	PROGRIM GROUP SUMMIRT							
		185	195	fCS/525	73	US DA TOTAL	SAES	OTE COOP
89G 1.00;	PATORAL RESOURCES	20.5	2,6	-0	1,1	24.2	22.0	-0
PPG 2.00:	POREST BESODACES	.0	.0	-0	29.9	29.9	4.7	-0
RPG 3.00:	CACPS (PIRLO & BORTICULTOR	40.7	.0	- 0	.0	40.7	49.8	.0
BPG 4.00:	ATIEALS	.0	.0	.0	.0	.0	16.5	-0
BPG 5.00:	PROPIE, COMMUNITIES, & INC	doltorica O.	.D	.0	.0	•0	14.1	.0
RPG 6.00:	COMPETITION, TRADE, 10JUST	OBET, PR	TCB & IN	COME POLICY	.0	.0	7.4	.0

.0 61.2

(PRISARY) STATE SOMBLET OF SCIENTIST-YEARS POR Pf 1977 CSD1 TOTAL OTH COOP 185 ERS PCS/SES FS RPG 1.00: WATORAL BESOURCES . 0 -0 47.5 75.9 BPG 2.00: FORBST RESOURCES 69-4 69.4 42.2 ٠. BPG 3.00: CROPS (FIELD & BORTICOLTUBAL)
107.3 187.0 .0 .0 .0 107.3 .0 BPG 4.00: ANIMALS .0 .0 .0 30.2 30.2 45.5 .0 BPG 5.00: PROPLE, COMMUNITIES, 6 INSTITUTIONS
33.2 .0 .0 .0 33, 2 70.7

RPG 6.00: COMPETITION, TRADY, ADJUSTMENT, PRICE 8 INCOME POLICY 18-0 3.9 .0 .0 21-9 10.7 BPG 7.00: GEFERAL BESOURCE OF TRUE TRUE CLASSIFICATION ITEMS 21.4 .0 .0 .0 .0 21.4 115.3 -0 RPG 9.GO: ONCLASSIPIED .0 .0 . 0 -0 -0 1.0 . 0 3.9 GRAND TOTAL 257.6 .0 69.4 330.9 548.3

TABLE V-C STATE SUBBARY OF ECIPHTIST-YEARS FOR PT 1977 (PBIMARY)

RESELECE PROGRAM GROUP SUMMARY USDA 2071L LRS EDS PCS/SAS 75 BPG 1.00: NATURAL RESOURCES 25.9 3.3 .0 29.2 -0 47_1 BPG 2.00: POREST BESOURCES • O . 0 -0 46.0 46.0 1.6 EPG 3.00: CROPS (FIELD & BORTICOLTURAL)
10.6 . 0 .0 10.6 .0 46-6 MPG 4.00: ABIBALS 7.8

OTH COOP SARS INSTS .0 -0 - 1 .0 . 0 -0 7.8 33.2 .0 BPG 5.00: PROPER, CONSUSTIES, & INSTITUTIONS .0 .0 9.1 -0 BPG 6.00: COMPRETITION, TRADS, ADJUSTMENT, PRICE & INCOME POLICE .0 2.2 .0 2.2 -0 6.2 BPG 7.00: GENERAL BESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS 4.2 .0 .0 . 0 4.2 16.7 RPG 9.00: UNCLASSIFIED . 0 .0 .0 - 0 _0 . 0 . 0 GRAND TOTAL 48.5 5.5 - 0 100.0 46.0 160.4 . 1

GRERARCH I	PROGRAM GROUP SUMMARY		LEANS FUI	1 11 1317		,	ARLETHA!	
		ARS	BAS	PCS/SBS	75	OSDA TOTAL	SARS	OTH COOK
RPG 1.00:	NATURAL RESOURCES	.0	.0	•0	-0	.0	9. 2	
RPG 2.00:	POSEST RESOURCES							. (
RPG 3.00:	CROPS (PIBLD & WORTLC	.0 (1480710	.0	•0	11.0	11.0	2. 9	. (
APG 4.00:	AHIMALS	14 • 0	-0	• 0	• 0	14.0	54.0	. (
		.0	.0	.0	-0	.0	8.0	• (
	PROPLE, COMMONITIES,	- 0	•0	.0	.0	-0	11.6	-0
RPG 6.00:	COSPETITION, TRADE, A	DJUSTKBKT, PI • 4	.0	.0	-0	.4	5.2	
BPG 7.00:	GENERAL RESOURCE OF T	ECHNOLOGY CL.	essification	rion items	.0	.0	3.7	.0
BPG 9.00:	UNCLASSIFIED	.0	-0	•0	-0	-0	.5	. (
GRAND TOT	AL	14.4	• 0	• 0	11.0	25.4	95, 1	- 0
	-C STATE SUMBARY OF	P SCIENTIST-	YBARS POR	1 PY 1977		(PBIM&RY)	
12.52.000	THOUSEN SHOWS SOME	ars	BRS	PC9/535	PS	usol Tutal	SARS	OTH COOP
APG 1.00:	NATURAL RESOURCES	22.1	.0	-0	.0	22.1	9.2	.0
36C 5'00:	FOREST RESOURCES	.0	.0	-0	23.0	23.0	2.2	- 0
RPG 3.00:	CROPS (FIRLU & HORTIC	OLTURAL) 6-9	-0	.0	.0	6.9	38. 1	.0
RPG 4.00:	ANIRALS	5.0	.0	.0	.0	5.0	12.8	• 0
apg 5.00:	PROPER, COMMUNITIES,	OITUTITEKI 3	WS					
PG 6.00:	COMPETITION, TRADE, A	.Q DJUSTABNT. PI	.Q 8 8013	.0	-a	.0	5.0	.0
PG 7.00:		.0	-0	.0	.0	.0	5. 1	.0
		-0	.0	.0	-0	.0	3.5	.0
* -						.0		.0
		.0	.0	.0	•0		. 6	•
		.0 34.0	.0	.0	.0 23.0	57.0	76.4	•
REG 9.00: GRAND TOT:	àL	34.0	.0	.0		57.0		.0
CREED TOT:	à L	34.0	.0	.0		57.0	76.4	•
TABLE Y-	ÀL -C STATE SUMMARY O	34.0 P SCIENTIST-1	.0 Years Poi	.0 a pr 1977 rcs/sas	23.0 PS	57.0 USDA 70TAL	76.4 PBINARY) SARS	ors coop
PG 1.00:	AL -C STATE SUMBARY OF PROGRAM GROUP SUMBARY	34.0 P SCIENTIST-1 ARS 7.2	.0 Mrsars Pol Mrs	.0 Pt 1977 PCS/SRS	23.0 PS	57.0 USDA TOTAL 7.2	76.4 PRIMARY) SARS 16.6	OTS COOP INSTS
PRINT TOTAL	C STATE SUMMARY OF PROGRAM GROUP SUMMARY WATURAL RESOURCES FOREST RESOURCES	34.0 F SCIENTIST-1 ARS 7.2 .0 OLTUBAL)	TRANS FOI	.0 PCS/SRS .0 .0	23.0 PS _0 53.6	57.0 USDA 707AL 7.2 53.6	76-4 PBIRABI) SABS 16-6	ors coop 18575 -0
BAND TOT	AL C STATE SUMMARY OF PROGRAM GROUP SUMMARY KATURAL RESOURCES FOREST RESOURCES CROPS (FIELD 6 HORTICE)	P SCIENTIST-Y ARS 7.2	.0 Mrsars Pol Mrs	.0 Pt 1977 PCS/SRS	23.0 PS	57.0 USDA TOTAL 7.2	76.4 PRIMARY) SARS 16.6	-0 .00 .00 .00 .00 .00 .00 .00 .00 .00 .
23818 V-188818CH (196 3.00: 196 3.00: 196 4.00:	AL -C STATE SUMMARY OF PROGRAM GROUP SUMMARY WATURAL RESOURCES FOREST RESOURCES CROPS (FIRLD 6 HORTICE ANIMALS	F SCIENTIST-1 AR9 7.2 .0 DLTUBAL) 12.4 5.4	.0 WEERS FOI	.0 PY 1977 PCS/SRS .0 .0 .0	23.0 PS _0 53.6	57.0 USDA 707AL 7.2 53.6	76-4 PBIRABI) SABS 16-6	OTS COOP INSTS
PG 3.00:	AL C STATE SUMMARY OF PROGRAM GROUP SUMMARY KATURAL RESOURCES FOREST RESOURCES CROPS (FIELD 6 HORTICE)	F SCIENTIST-1 AR9 7.2 .0 DLTUBAL) 12.4 5.4	.0 WEERS FOI	.0 PY 1977 PCS/SRS .0 .0 .0	PS .0 53.6 .0	57.0 USDA 707AL 7.2 53.6	76-4 PBIBABT) SABS 16-6 -2 30-4	OTS COOP 1W575 - 0
PG 3.00:	AL -C STATE SUMMARY OF PROGRAM GROUP SUMMARY WATURAL RESOURCES FOREST RESOURCES CROPS (FIRLD 6 HORTICE ANIMALS	F SCIENTIST-Y ARS 7.2 .0 OLTUBAL) 12.4 5.4 S INSTITUTION	YBARS POL MRS -0 -0 -0 -0 -0	.0 PT 1977 PCS/SRS .0 .0 .0 .0 .0 .0	23.0 23.0 53.6 .0	57.0 USDA 70TAL 7.2 53.6 12.4	76-4 PRIMARY) SARS 16-6 .2 30-4 9-7	ors coop 18575 -0
TABLE V-125 1.00: 125 1.00	CROPS (FIELD 6 HORTICUANIST)	P SCIENTIST-Y ARS 7.2 .0 DLTUBAL) 12.4 5.4 5.4 5.1 S INSTITUTION	PRARS POI	.0 Pt 1977 PCS/SRS .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	23.0 PS -0 53.6 .0	57.0 USDA 70TAL 7.2 53.6 12.9 5.4	76-4 PBINABT) SABS 16-6 -2 30-4 9-7 3-7	078 COOP 18575 -0

RPG 1.00:	NATORAL BESOURCES	-1	.0	.0	.0	•1	4-1	-0
8PG 2.00:	PORRST RESOURCES	.0	-0	.0	2.0	2.0	3.4	. a
PPG 3.00:	CHOPS [PIBLD & MORTIC	OLTOBAL) 4.8	-0	.0	-0	4.8	0.9	.0
9PG 4.00:	AHIBALS	.0	-0	.0	.0	.0	10.5	.0
RPG 5.00:	PROPLE, COMMUNITIES,	6 INSTITUTION: 0	• 0	.0	-0	-0	3.4	.0
ppg 6.00:	COMPETITION, THANK, A	DJUSTEERT, PRI	.0 S EDE	B POLICE	•0	.0	2.8	.0
BPG 7.00:	GEREFF BESONECE OF A	ECHHOLOGY CLAS	SSIPICATIO	ENSTI W	.0	•0	1.1	. 0
RPG 9.00:	UNCLASSIPIED	.0	.0	•0	.0	.0	.6	- 0
GRAND TOTAL	L	4.9	•0	.°o	2.0	6.9	34.7	-0

ERS PCS/SES PS

MES

- USDA YOTAL SABS

OTH COOL

. 0

. 0

. 0

. 0

.7

80.9

TABLE T-C STATE SUMBARY OF SCHRETIST-YEARS POR FY 1977 (PRISARY) BESEARCH PROGRAM GROUP SUMMARY

		ABS	BRS	FCS/SRS	FS	usd1 Tot1l	SABS	OTH COO
BFG 1.00:	NATURAL RESOURCES	3.7	٠.	.0	.0	3.7	8.0	
RPG 2.00:	POREST RESOURCES	.0	.0	•0	3.0	3.0	5.0	
196 3.00;	CROSS INTRED & HORTICULTU	811) 9.0	.0	.0	_0	9.0	43.2	
PG 4.00:	ABIBALS	1.4	.0	-0	.0	1.4	11.0	.1
PG 5.00:	PROPLE, CONNUNITIES, 6 18	STITUTIO:	. o	.0	.0	.0	5.2	.(
PG 6.00:	COMPRISTION, TRADE, ADJOS	TKENT, PA	ICR & I	O SHOOTS	-0	.0	5.4	.(
PG 7.00:	GENERAL RESOURCE OR TECHNI	OLOGY CLA	SSIPICA	TION ITEMS				
		.0	.0	.0	.0	.0	2.4	_ '

.0 14.0

.0 .0

RPG 9.00: UNCLASSIFIED

GRAND TOTAL

GRAND TOTAL

TABLE	¥-C	STATE SOURLRY OF SCIENTIST-TEARS FOR PT 1977	(PRIMART)

BESEARCH PROGRAM GROUP SUMBARY					•	•	
	185	275	ecs/ses	۲s	USDA TOTAL	SARS	OTH COOP
BPG 1.00: NATURAL RESOURCES	6.7	1.1	.0	.0	7.8	17.8	.0
BPG 2.00: FORBST BESOURCES	.0	-0	.0	80.1	80.1	3.8	.0
RPG 3.00: CROPS (PIELD 6 BORFICO)	7081L) 19.2	-0	.0	.0	19. 2	49.B	-0

. (. (BPG 4.00: AMEMALS .4 1.2 .0 .0 1.6 23.8 BPG 5.00: PEOPLE, COMMONITIES, & INSTITUTIONS
.0 .0 .0 .0

BPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY
.0 .8 .0 .0 . (.0 13.4 . 0 -8 3.2 . (BPG 7.00; GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS .4 .0 .0 .0 .4 22.5 . 0 BPG 9.00: UNCLASSIPIED .0 134,3

.0 .0 .0 .0 .0 .0 .0 26.7 3.1 .0 80.1 109.9 134.3

3.0 17.0

.0

-0

TABLE W-C STATE SUSSABLE OF SCIENTIST-TEARS FOR PY 1977

(PRIMABY)

BESBARCH PROGRAM GROUP SUBBART

			aRS	Bas	FCS/SBS	PS	OSDA TOTAL	SARS	OTE COOL
BPG 1	1.00:	WATURAL RESOURCES	.0	.0	.0	.0	-0	.1	.0
BPG 3	3.001	CROFS (FIRLD & HORTICULTURA	L) .0	.0	.0	.0	•0	1.7	.0
BPG S	5.00:	PROPLE, COMMUNITIES, & 1957	17011018	.0	.0	.0	•0	.0	.0
BPG 6	5.00:	COMPRTITION, TRADE, ADJUSTS	Bat, PRICE	6 II	NCORR POLICY	_0	.0	-0	.0
GRANI	D TOTAL		.0	.0	.0	.0	.0	1.8	-0

RESEARCH	PROGRAM SUMMARY								
	-	ABS	BRS	PCS/SBS	PS	USDA TOTAL	SABS	OTH COOP INSTS	P
BP 1.01;	SOIL & LAND OSB	105.5	19.8	• 0	.0	125,3	274.6	3.0	
BP 1.02:	WATER 6 WATERSHEDS	173.7	8-5	.0	1.1	183.3	124.7	•0	ı
BP 1.03:	BRCBBILION	-0	-0	.0	.0	.0	26.9	.8	
86 1.04:	ERATRORGERIAT GOTTIL	164.5	20.3	.0	.0	184.8	272.2	17.9	
8P 1.05:	WEATHER HODIFICATION POB	AGRICULTU 4.0	.0 .0	STRY .0	.0	4.0	33.8	. 4	ı
89 1.06:	SIR & AITOTILE	.8	- 0	.0	.0	.6	62.8	. 8	ı
82 1.07:	REMOTE SENSING	5.0	.0	.0	.0	5.0	6.0	.0	ı
BP 2.01:	IMARMIOSA & SABBRISME OA	70RBST RI	SOURCES • 0	-0	57.6	57.6	22.4	.0	ı
8P 2.02:	TIMBER HANAGESENT	.0	-0	.0	219,3	219.3	107.3	-6	ı
8P 2.03:	POREST PROTECTION	6.3	-0	-0	239.6	245.9	87.8	.2	ı
RP 2.09:	HARVESTING PROCESSING 6	HARKETING .0	OF POREST	PRODUCTS . 0	198.7	198.7	97.0	.0	ı
BP 2.05:	POREST WATERSHEDS, SOILS,	, POLLUTIO	. O.	.0	128.7	128.7	27.5	.0	ı
BP 2.06:	PORRET BANCE VILDLIPE & I	PISHBRIBS	d TATIEAU 0.	BVBLOPMENT .0	65.7	65.7	24.6	.0	ı
BP 2.07;	PORRST RECPEATION 6 ARST	BTICS & C	TH LANDSC	APE VALUES	19.4	19.4	21.0	.0	ı
8P 2.08:	ALTERNATE USES OF LAWO	.0	.0	.0	18.5	18.5	15.2	.0	ı
8P 2.09:	TECHIBICAL ASSISTANCE	.0	-0	-0	3.0	3.0	-5	.0	ı
8P 3.01:	COBA	88.1	.3	-0	.0	88.4	162.3	.2	ı
RP 3.02:	OBBIN SORGHOR	21.1	. 2	.0	.0	21.3	50.0	.0	ı
pp 3.03:	20517	92.6	.3	.0	.0	92.9	129. 1	.6	ı
gp 3.04:	SMALL CRAINS OTHER THAN		. 2	-0	.0	35.9	71.0	5.9	ı
RP 3.05;	BICB	17.3	. 2	.0	.0	17.5	35.2	.0	ı
BP 3.06:	SOTBBANS	95.2	-8	.0	.0	96.0	188.0	9. 1	ı
#P 3.07:	PEANUTS	26.2	.0	•0	.0	26.2	41.3	2. 6	ı
gp 3.08:	SUGAR	52.9	.0	.0	_0	52.9	53.8	.0	ı
BP 3.09:	POSAGE, RANGE, & PASTURE	153. 1	.1	•0	.0	153.2	330.6	.3	ı
BP 3.10:	COTTON	272.3	2.4	.0	,0	274.7	126.5	6.0	ı
BP 3.11:	TOBACCO	49.5	.0	-0	.0	49.5	60.5	.2	ı
BP 3.12:	NEW CROPS & HINGR OILSES		_0	•0	.0	56.1	39.7	.0	ı
8P 3.13:	PRUIT	182,5	.0	.0	.0	182.5	462,4	1.8	ı
BP 3.14:	PROBTABLE CROPS	140.2	.0	.0	.0	140.2	405.2	9.0	ı
BP 3.151	PLANTS TO BRUARCE THE BUT		.0	.0	.0	45.9	215. 4	.4	
BP 3.16:	BIES & OTHER POLLYBATING		.0	.0 •	.0	32.1	17.8	.0	l
BP 4.01:	98 8 P	149.7	2.4	.0	.0	152. 1	353.1	6.1	
RP 4.025	DAIRE	98.4	.0	.0	.0	98.4	202.6	2.0	
RP 4.03:	FOULTRY								
BP 4.042	9HBEP	71.0	.0	.0	.0	71.0	223.1	4.9	
		55.8	.0	.0	•0	55.8	74.7	1.1	

CIBLE	7 - B	RATIONAL	SUMMARY	op	SCIBETIST-TEARS	POR	PY	1977	
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RP 9.01: UNCLASSIPIED

GRAND TOTAL

•	V-B VATIONAL SUMMARY OF SCIENTS PROGRAM SUMMARY	ST-TBLES PO	R PY 1977		(PRIMARY)	
B0008844	and the second s	223	PCS/3B3	FS	USDA TOTAL	8 1 1 8	OTH CO
8P 4.05t	SHINE 53.9	-0	.0	.0	53.9	137.6	9
EP 4.06:	OTHER AVIHALS (HORSES, GOATS, P)		TORY, RTC.)	٠٥.	15.8	85.4	1
BP 4.07;	AQUATIC FOOD 6 PERDSTUPPS	-0	.0	.0	. 1	66.6	2
RP 5.01:	PGOD & NUTRITION 170.6	12.5	.0	.0	183.1	175.3	39
BP 5.02:	FOOD SEPRITY	.0	.0	.0	134.9	112.7	2
BP 5.03;	BURAL DEVELOPMENT & QUALITY OF 1		. O	.0	72.1	292.9	20
BP 5.04:	INSECTS APPECTING HAN 6 BIS BELG 29.8		.0	.0	29.8	41.6	
RP 5.05:	BESEARCH OF LOSISISTRATION OF BE		-0	.0	.0	10.8	
BP 6.01;	PARM ADJUSTMENT, PRICES 6 INCOM. 8.2		.0	.0	82.9	128.2	5
B6 6.031	FORBIGH AGRICULTURAL TRACE & BCG 37.6		.O	•0	118.3	32.7	
BP 6.03:	HARKSTING & COMPSTITION 56.1	180.9	21.1	-0	258.1	171.6	1
RP 7.01:	GENERAL RESOURCE OF TECHNOLOGY 274.2	.0	.0	.0	274.2	582.4	3
RP 9.01:	U#C LASSIPIBO						

.0 1.0 .0 .0 1.0 111.0 2997.0 957.1 21.1 951.5 4428.7 6555.6 153

BESEARCH PROGRAM SUMMARY

						## D L		0=0 0000
		ABS	EPS	PCS/SRS	73	TOTAL	SAES	OTB COOP LUSTS
8p 1.02:	WATER & WATERSHEDS	6.1	.0	.0	•0	6.1	-0	.0
ap 2.03:	FOREST PROTECTION	1.6	.0	.0	.0	1.6	.0	.0
pp 3.02:	GRAIN SORGHUM	-7	.0	.0	.0	.7	.0	.0
B9 3.03:	HEST	٠,	.0	.0	.0	.7	.0	.0
AP 3.04:	SMALL GRAINS OTHER TOAN	WHEAT 1.0	.0	.0	.0	1.0	.0	.0
8P 3.05:	RICB	.4	.0	.0	۵.	.4	.0	.0
ap 3.06:	SOYBBLHS	.5	.0	•0	.0	.5	.0	.0
BP 3.07:	PRANUTS	.4	.0	.0	.0	-4	.0	.0
gp 3.00:	SUGAR							
BP 3.09:	POBLGE, SANGE, & PASTORS	.5	-0	.0	.0	. 5	.0	-0
8p 3.10:	COTTON	2.6	•0	.0	-0	2.6	.0	.0
BP 3.12:	NEW CROPS & MINOR OILSER	.0	.0	.0	.0	-0	.0	-0
		7.4	.0	•0	.0	7-4	.0	.0
BP 3.13:	PROIT	2.3	•0	.0	.0	2.3	-0	.0
RP 3.14;	VEGETABLE CHOPS	4.8	.0	.0	.0	4.8	•0	.0
BP 4.01:	BBBP	2.4	.0	.0	.0	2.4	.0	.0
BP 9.02:	DAIRY	2.2	.0	.0	.0	2.2	.0	.0
BP 4.05:	SWIBE	.0	.0	-0	.0	.0	.0	.0
EP 5.03:	RURAL DEVELOPMENT & QUAL	TA OL LTHI	LY LIVIN	G _0	.0	.9	-0	.0
RP 5.04:	INSECTS APPECTING MAN &	H1S BELONGI 2.1	нов • 0	.0	.0	2.1	.0	.0
RP 6.02:	PORRIGE AGRICULTURAL TRA	0.8 8 BCONON	IC DEVEL	.O.	.0	6.8	.0	.0
pp 7.01:	GEMERAL RESOURCE OR TECH	NOTOGA NOTOGA	.0	-0	.0	.8	.0	.0
GRAND TOT	AL	44.0	-0	-0	.0	44.0	.0	.0

. ¥	V-B BEGIOVAL SUMMART OF PROGRAM SUMMART	20156110-	15884 10.			••	PRIBART)		B1 16
Ke		185	RRS	PCS/SRS	P5	OSDA Total	SABS	OTE COOP	
1:	SOIL 6 LIFP OSE			.0	.0	31, 3	34.0	.3	
	WATER & WATERSHEDS	16.7	14.6	• •		316.5	24.0	••	•
2:		17.3	9-1	•0	.0	21.5	6.2	•0	-
3;	BECREATION	.0	•0	.0	.0	.0	8.2	-0	
1:	RRAIBORRERIY GOVILLA	59.7	10.4	.0	.0	70.1	61.4	.8	•
5;	ABTUBB HODILICATION LO	OR AGRICULTU	1809 2 880 0.	IBSTRT	_0	.0	2.6	.0	
6:	FISH & WILDLIPE	.1	.0	.0	-0	.1	13.9	. 6	
7:	BESOTE SENSING	.9	-0	.0	.0	.9	•В	.0	
1;	INVENTORY & APPRAISAL O	OP FOREST BE	ESOUBCRS						
	*	-0	-0	.0	7.0	7.0	3.1	.0	•
2:	TIEBEB SANAGEMENT	-0	.0	.0	30.0	30.0	15.2	.0	3,
3:	POREST PROTECTION	4.7	.0	.0	20.5	25.2	20.1	.0	3.
4:	BARVESTING PROCESSING &	S HARKSTING	OF POREST	T PRODUCTS	26.0	26.0	13.4	.0	9.
5:	FOREST WATERSBEDS, SOIL	LS, FOLLUTION	- O	.0	10-4	10.4	5.9	.0	1.
6:	FOREST BANGE WILDLIFE &	& PISOBRIBS 1	HABITAT (DEVBLOPMENT	6.6	6.8	4.1	.0	2.
7:	POREST RECPEATION 5 ARS	STRRTICS & O'	OTH LANDS		8.6	8.6	4.5	.0	
в;	ALTERNITE OSES OF LIND	.0	.0		•		-		
- •		.0	•0	• 0	•0	.0	6.5	-0	
9:	TECHINICAL ASSISTANCE	.0	•0	.0	3.0	3.0	-0	-0	
1:	COBR	5.0	.1	.0	-0	5.1	22.4	.0	
2:	GRAIM SORGEON	.2	.0	• 0	.0	. 2	•1	.0	
3:	PHEAT	6.2	.1	•0	.0	6.3	2.2	.0	
4:	SCALL GRAIDS OTERN THAN	N WHEAT					2.1		
15:	BICB	4.8	-1	.0	.0	4.8		.0	•
6:	SOTBBANS	. 6	.0	.0	.0	.6	•0	.0	
		13.7	- 5	.0	.0	14.1	8.6	. 8	,
7:	PELWOTS	-0	.0	.0	.0	.0	• 2	. 0	
9:	SUGAR	3.0	.0	.0	.0	3.0	-0	.0	

3. 13: PROIT 29.9 .0 .0 .0 3.14: PEGETABLE CHOPS 38.5 .0 .0 -0 3.15: PLANTS TO BURLICE THE BAYIRORHENT 25.5 .0 .0 .0 3.16: BBES 6 OTBBB POLLIVATING INSECTS 6.7 .0 ٠.0 .0 4.01: SEEF 67.9 .0 .0 . 0

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3.09: PORLGR, RANGE, 6 PASTURE

3.12: NEW CROPS 6 MINOR OILSEBDS

J. 10: COTTOR

3.11: TOBACCO

4.02: DATEY

4.03: POULTET

4.04: SBEEP

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RESEARCH PROGRAM SUSSARY

		222	223	PCS/8#5	75	USDA TOTAL	Sabs	OTH COOP 17575
gp 4.052	SWINE	25-4	-0	.0	.0	25.4	8.5	.0
86 a*08:	OTRES AVINALS (HORSES	G, GOATS, PRTS.	LABOBA:	10BY, BTC.)	.0	4.6	31.6	.0
BP 4.07:	AQUATIC FOOD & PERDS	.t	٠.۵	.0	.0	.1	12.1	. 4
BP 5.01:	ROITIETUS à GOOS	130.4	12.5	.0	.0	142.9	37.0	.5
RP 5.021	FOOD SAPETY	45.7	-0	.0	.0	45.7	26.4	.1
RP 5.03:	BURAL DEVELOPMENT & (QUALITY OF FAMS 5.8	LT LIVII 44.5	IG .0	.0	50.3	63.0	1.7
BP 5.04:	INSECTS APPECTING HAD	F HIS BELONGI	NGS .0	.0	.0	4.0	13.9	.0
BP 6.01:	PARE ADJOSTMENT, PRIC	ES & INCOME 3.7	59.5	.0	.0	63.2	16.8	.1
BP 6.02:	POREIGN AGRICULTURAL	TRADE 6 ECONOM	IC DEVE	LOPHENT .0	•0	85.3	8.2	.0
SP 6.03:	HARKSTING & COMPETITE	26.8	145.2	19.7	.0	191.6	25.3	.0
RP 7.01:	GRUBBAL RESOURCE OR 1	RCHROLOGY 131.4	.0	-0	.0	131.4	83.9	. 2
RP 9.01:	UNCEASSIFIED	.0	1.0	•0	.0	1.0	8.9	.0
GRAND TOT	AL	822.6	374.7	19.7	112.2	1329.2	960.5	5.8

BARCH	PROGRAM	50851	BY				
				125	B8 5	PC S/SB	S
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2.04: BARTESTING PROCESSING & MARKETING OF POREST PRODUCTS

2.06: POREST BANGE WILDLIPE & PISHERIES HABITAT DEVELOPMENT

2.07: POREST RECERATION & ARSTHETICS & OTH LANDSCAPE VALUES

1.05: WEATHER SODIFICATION FOR AGRICULTURE 6 FORESTRY

2.01: INVENTORY 6 APPRAISAL OF FOREST RESOURCES

2.65: POREST WATERSBEDS, SOILS, POLLUTION

BEGIOVAL SUMMARY OF SCIENTIST-YEARS FOR PY 1977

E

1.02: WATER & WATERSPERS

1.04: BHVIRONBERTAL QUALITY

1.06: PISE & WILDLIFE

1.07: SEBOTE SENSING

2.02: TIBBBR BAVAGEBBRT

2.03: FOREST PROTECTION

2.08: ALTERNATE USES OF LAND

2.09: TECHIFICAL ASSISTANCE

O.O4: SHALL GRAINS OTHER THAN WEBSIT

.09: PORAGE, BANGE, & PASTURE

1.12: WHE CROPS 6 MINOR OILSERDS

. 15: PLENTS TO BUBLUCE THE ENVIRONMENT

1.16: SEES & OTHER POLLINATING INSECTS

3.01: CORN

.03: VBBAT

.05: RICE

.06: SOYBEANS

.07: PBABUTS

.08: SUGAR

.10: COTTON

.11: TOBACCO

. 13: PBDIT

.01: BEEF

.02: DANRY

.03: POULTET

.04: SHEWP

.14: VEGETABLE CROPS

3.02: GRAIN SORGRON

1.03: RECUEATION

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USDA TOTAL

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BLE F	PROGRAM SUMMARY								s
		18S	ars	PCS/SBS	PS.	USDA TOTAL	SARS	OTH COOP LYSTS	FORESTS SCHOOL
4.05:	SMIMB	0.8	.0	.0	.0	8.8	47.9	3.6	
4.06:	OTHER ANIMALS (HORSES, GOA	TS, PETS	i, LABOBAT	OBY, ETC.)	.0	3.3	27.4	1.3	
4.07:	AQUATIC POOD & PERDSTUPES	.0	.0	.0	.0	-0	91.6	2. 1	
5.01:	POOD & WOTBITION	6.2	.0	.0	.0	6.2	35.4	23.2	
5.02:	POOD SAFETY	30.4	.0	•0	.0	30.4	24.3	2.0	
5.03:	BORAL DEABTODREEL & GOTTLE				.0	19.1	84.2		
5.04:	INSECTS APPECTING MAN & HI			.0	.0	21.2	6.6		
5.05:	RESEARCE ON ADMINISTRATION			.0		.0	5.6		
6.01:	PARM ADJUSTMENT, PRICES &	INCOMB			.0				•
6.02:	PORRIGH AGRICULTURAL TRADE	1.1 6 BCONG	6.6 BIC DEVEL	OPHBHT.	-0	7.7	42.6		•
	BARKSTING & COMPRITITION	7.0	-0	-0	.0	7.0	3.7	.0	•
		18.7	20-8	.0	.0	39.5	68.5	1.8	•
	GREERL RESOURCE OR TECHNO	51.7	.0	.0	.0	51.7	128.0	3.3	-
9.01:	ONCLASSIFIED	.0	.0	-0	.0	.0	59.2	.0	3.

OTE C

BESEARCE PROGRAM SUBBLET

BESEARCE	PROGRAM SUMMER						
		1PS	895	PC5/SRS	75	USDA TOTAL	SAES
BP 1.01:	SOIL & LAND USE	23.6	3.2	.0	.0	26.7	88.4
BP 1.02:	VATER & WATERSERDS	25.6	1.4	-0	-0	26.9	34.6
RP 1.03:	BECSEATION	.0	. 0	.0	.0	.0	6.6
8P 1.04:	INTIROUSEBLAL QUALITY	37.8	4.3	.0	.0	42.1	63.9
BP 1.05:	RESTREE HODIFICATION FOR	.6	6 PORB.	.0	.0	.6	12.0
BP 1.06:	PISH & WILDLIPE	.0	.0	.0	.0	.0	15.5
RP 1.07:	SEECTS SEESING	.0	.0	.0	.0	.0	1.3
BP 2.01:	INVESTORY & APPEALSAL OF	FORBST BESO	ORCES . O	.0	8.0	8.0	4.6
RP 2.02:	TIBBER MANAGEBERT	.0	.0	.0	50.3	50.3	32.6
BP 2.03:	FOREST PROTECTION	•0	.0	.0	44.3	44.3	12.2
BP 2.04:	BABVESTIRG PROCESSING & B	ARKETING OF	POREST	PRODUCTS	111.6	111.6	22.3
RP 2.05:	POPEST WATERSBEDS, SOILS,	POLLUTION 0	.0	.0	16.2	16.2	7.7
RP 2.06:	FOREST BANCE WILDLIFE & P.	.# 28188821 0.	BITAT B	.0 Earlodheal	4.9	4.9	3.6
BP 2.07:	POREST BECREATION & ABSTH	BTICS & OTE	LANDSC.	.O	3.0	3_0	7.1
BP 2.08:	ALTERNATE USES OF LASD	.0	-0	.0	7.3	7.3	3.2
RP 2.09:	TECHIRICAL ASSISTANCE	.0	-0	.0	.0	.0	. 1
BP 3.01:	COBA	61.0	- 2	•0	.0	61.2	90.2
EP 3.02:	GRAIN SORGHOR	10.2	. 1	.0	.0	10.3	24.8
BP 3.03:	HHBAT	49.5	. 2	.0	.0	49.7	65.3
RP 3.04:	SEALL GEALPS OTERS THAN G	68AT 20.0	-1	•0	.0	20.1	28.9
RP 3.05:	BICB	2.0	.1	.0	-0	2.1	3.2
RP 3.06:	SOYBELFS	55.0	.0	•0	.0	55.0	73.7
RP 3.07:	PERFOTS	.1	.0	.0	.0	. 1	.0
SP 3.08:	SOGAB	4.0	.0	.0	.0	4.0	5.8
BP 3.09:	FORIGE, BANGE, & PASTORE	23.6	-1	.0	.0	23.7	72.1
RP 3.10:	COTTON	.0	.0	-0	.0	-0	4.6
RP 3.11:	TOBACCO	.0	.0	.0	.0	.0	1.5
RP 3.12:	BEW CROPS & MINOR OILSEBO		.0	.0	.0	18.7	14.5
BP 3.13:	PROIT	8.1					
RP 3.14:	TEGETABLE CHOPS		.0	•0	.0	8.1	50.6
PP 3.15:	PLANTS TO BEHAVER THE SHY		.0	.0	.0	12.4	78.4
BP 3.16:	BEBS & OTBER POLITIFATING 1		.0	-0	.0	10.7	42.3
BP 4.01:	BEEF	4.2	•0	.0	.0	4.2	4.7
BP 4.02:	DAIRY	32.2	1.2	.0	•0	33.4	84.0
BP 4.03:	POOLTRY	18.8	-0	-0	-0	18.8	96.3
PP 4.04;	SBEBP	20.7	•0	•0	.0	20.7	51.5
		8.9	.0	-0	.0	8.9	21.7

		ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS
gp 4.05:	SVINE	19.5	.0	-0	.0	19.5	75.8	2.3
89 4.06:	DTHER ANIMALS (ROSSES, GO	NTS, PETS 2.0	. LABORA	CORY, BIC.)	.0	2.0	17. 1	.0
gp 4.07:	AQUATIC POOD & PERUSTUPPE	.0	. 0	-0	.0	.0	9.0	-0
BP 5.01:	POOD & WOTRITION	14.2	.0	.0	.0	14.2	48.0	11.6
gp 5.02:	POOD SAFETY	43.9	-0	-0	•0	43.9	28.0	.0
gp 5.03:	BORAL DEVELOPMENT & QUAL	MAT 40 YES	XLT LIVI	.0	.0	1.3	94.1	.2
gp 5.04:	INSECTS APPECTING MAN 6 (DKOINN ZIE	rkgs . 0	.0	.0	.0	7.3	.0
BP 5.05:	BESEARCH ON ADMINISTRATIO	OF BESE .0	824K	.0	.0	.0	2.7	.0
BP 6.01:	PARE ADJUSTERNT, PRICES	18COME 3.4	5.2	40	-0	0.6	46.5	.0
RP 6.02:	PORBIGH AGRICULTUBAL TRAC			LOPHENT . O	.0	1,4	15.7	.0
#P 6.03:	HARRETING & COMPETITION	6-1	10.3	1.4	.0	17.8	114" 11	.0
BP 7.01:	GBBBRAL BESOURCE OF TROUB		.0	.0	.0	60,6	174.6	.0
BP 9.01:	UNCLASSIFIED	.0	.0	.0	.0			
		598.9	27.6	1.4	245.6	.0 873.5	38.2	.0
GRIND TOR	a.L	370.7	21.0	1.4	443.0	0:3.3	1726.3	17.3

RESELECE PROGRAM SUMMERT

RP 4.04: 58889

25511209	PROGRAM SUMMERT							
		125	EPS	PCS/SRS	P5	OSO1 TOTAL	3185	INST:
BP 1.01:	SOIL & LAND DER	40.6	1.1	-0	.0	41.6	76. 2	.0
BP 1.02:	EDRHERSTAN 3 SETAR	66.3	2.1	.0	1.1	69.5	53.3	.0
8P 1.03:	RECEBATION	-0	.0	.0	.0	.0	6.4	-0
RP 1.04:	SEVIROUSHTAL QUALITY	34.5	3, 9	-0	.0	38.4	72.4	.0
BP 1.05:	WEATHER MODIFICATION POR	AGRICULTO 2.9	RR & PORE	STRT .0	.0	2.9	16.6	.0
BP 1-06;	PISH & BILOLIPE	.7	.0	.0	.0	.7	12.0	-0
BP 1.07:	BEHOTE SENSING	.6	.0	-0	.0	. 6	1.8	-0
BP 2-01:	INTESTORY & APPRAISAL OF	POREST SE	280808 0.	-0	29.6	29.6	9.0	.0
BP 2.02:	TIMBBE SANAGEMENT	.0	-0	•0	61.0	61.0	14.7	.0
BP 2.03:	POREST PROTECTION	.0	-0	.0	112.6	112,6	19. 2	. 2
9P 2.04:	BARYSTING PROCESSING &	HARKETING .0	OF FOREST	PRODUCTS - 0	28.4	28.4	20.9	.0
RP 2.05:	POREST PATERSEEDS, SOILS,	, POLLUTIO	. O	.0	77.0	77.0	7, 1	.0
BP 2.06:	POREST BANGE WILDLIFE &	PISHBRIBS .O	HABITAT D	EVELOPHENT .0	43.2	43.2	6.2	•0
BP 2.07:	POREST SECREATION & ABST	HETICS 6 O	.0 TH LANDSC	APE VALUES	6.8	6.8	5-7	_0
BP 2.08:	ALTERNATE USES OF LAND	.0	.0	-0	10.6	10.6	1. 4	-0
RP 2.09:	TECHINICAL ASSISTANCE	.0	-0	.0	.0	.0	. 1	.0
RP 3.01:	COBM	.7	.0	-0	.0	.7	9.0	.0
RP 3.02:	GRAIN SONGBON	.0	•0	.0	.0	.0	3.7	-0
8P 3.03:	SBAT	27.7	.0	•0	.0	27,7	42.3	-0
BP 3.09:	SEALL GRAIBS OFHER THAN	PBBAT 5.8	.0	.0	.0	5.8	24. 1	.0
BP 3.05;	BICE	1.5	.0	-0	.0	1.5	4.0	. 0
8P 3.06:	SOTBBLUS	.7	.0	.0	.0	.7	8.8	. 1
RP 3.07:	PERMOTS	.0	.0	.0	.0	. a	.5	.0
BP 3.08:	50618	21.2	.0	۵.	-0	21, 2	12.7	.0
8P 3.09s	PORAGE, BANGE, 6 PASTORE	62.1	.0	.0	.0	62.1	106.0	.0
RP 3.10:	COTTON	35.4	.0	•0	. 0	35.4	35.9	.0
RP 3.11:	TOBACCO	.0	.0	.0	.0	_0	.7	.0
BP 3.12;	MRM CROPS & MINOR OILSBRI		.0	.0	.0	11,3	14.8	.0
RP 3.13:	PROIT	64.6	.0	.0	.0	64.6	149.2	.0
BP 3.19:	REGRETABLE CROPS	47.6	.0	.0	.0	47.6	127-7	.0
%P 3.15;	PLANTS TO BREAKCE THE ENG		.0	.0	.0	5.4	46.4	.0
BP 3.16:	BEES & OTUBE POLITHATIES		.0	.0	.0	15.0	8.5	.0
BP 4.01:	SEEP	11.7	1.2	.0	.0	12.9	101.8	.0
BP 4.02:	DAIRY	3.6	.0	.0	.0	3.6	32.1	_
BP 4.03:	POULTRY	6.4	.0	.0	.0		34.4	.0
DD # 40.	##PP0	V47	.0	.0	•0	6.4	34.4	.0

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	-B REGIONAL SUMMARY OF SC PROGRAM SUMMARY	IBNTIST	-YEARS POR	PY 1977			(PRIMARI)		
		188	889	FCS/SBS	PS	USDA	SIBS	OTS COOP	PORE
RP 4.05:	SWIRE								3611
BP 4.06:	OTHER INIMIES (HORSES, GOA	.2 Ts. PBT	.0 S. LABORAT	.O ORY. ETC.1	10	. 2	5.5	.0	
		5.9		.0	.0	5. 9	9-3	.0	
	AQUATIC FOOD 6 PERDSTOFFS	.0	.0	-0	.0	.0	8.9	.0	
BP 5.01:	POOD & HUTRITION	19.9	.0	.0	.0	19.9	54.9	.0	
3P 5_02;	FOOD SAFETY	14.8	.0	.0	.0	14.6	34. 1	.0	
BP 5.03:	BUBAL DEVBLOPMENT & QUALIT	Y OP PA	MILY LIVIN	0 .0	_0	.5	51.6	.0	
88 5.04:	INSECTS APPECTING HAN 6 HI	S BELON	GINGS	.0	.0	2.0	13.8	.0	
RP 5.05:	BESBARCH ON ADMINISTRATION			.0	.0	.0	2.5	.0	
RP 6.01:	PARM ADJUSTMENT, PRICES &	INCONE							
RP 6-02:	PORBIGH AGRICULTURAL TRADE	.0 6 BCO8	3.4 ONIC DRVBL	.0 THENGO	-0	3.4	22-4	.0	
		17.8	.0	.0	.0	17.8	5. 1	.0	
	MARKETING & COMPETITION	4.5	4.6	.0	.0	9.1	33.3	.0	
89 7.01:	GB#BP&L RESOURCE OF TECHNO	29-8 FOG A	.0	.0	.0	29.8	195.9	.0	
RP 9.01:	GUCLASSIPIED	.0	.0	.0	-0	-0	4.7	.0	
GRAND TOT	7.7	592.9	16.2	.0	370.3	979.9	1557.6	.3	1

34000 7-0 5161	n boundar of actobile	11-12563 10	E 16 13//		•	(serteen:)	
BESEARCH PROGRAM SOME	ARY						
	ARS	893	PCS/SES	FS	USDA TOTAL	SIBS	OTH COOP
BP 3.06: SOTOBANS	.1	.0	.0	-0	-1	.0	.0
GRAND TOTAL	.1	-0	.0	-0	-1	.0	.0

TABLE V-B STATE SCHULRT OF S	CIRNTIST -	teles poi	2 Pt 1977		•	PRIMARY	
BBSBABCE PROGRAM SUMMARY							
	ARS	BRS	FCS/SBS	? S	GSG1 TOTAL	SABS	OTH COOP
RP 1.02: WITER & WITERSOEDS	.0	.0	.0	.0	.0	.0	.0
RF 3.06: SOYBRANS	.0	.0	.0	.0	.0	.0	.0
BP 3.09: POBAGB, BANGE, 6 PASTORB	.1	.0	.0	.0	. 1	.0	.0
BP 3.10: COTTON	.0	-0	.0	.0	.0	-0	.0
AP 7.01: GENERAL RESOURCE OF TECHY	.0	.0	.0	-0	.0	.0	.0
GRAND TOTAL	-1	.0	.0	-0	. 1	.0	.0

7	TABLE	V - B	STATE SUBBARS	OF SCIBNTI	ST-IBARS PO) R FT 197	7		(PRIBARY)	
ı	ESBARC	n phogram	SUBBART							
				ARS	2RS	PC5/39	s F	USDA S fotal	SABS	OTH COOP
F	8 6.02	PORBIG	N AGBICULTOBAL	TRIDE 6 EC			ο.	0 1.0	.0	.0
(BAND T	DTAL		1.0	.0		0 .	0 1.0	.0	.0

TABLE	A -B	STATE SUMMARY C	P SCIBNTIST-	18185 PO	3 PT 1977	ti	PBISARY)	
RESBARC	H PROGRA	N SUNNABI						
					_	USDA		OTH COOP

	185	EBS	PCS/58S	75	usd i Totil	SAES	OTH COOP
BP 5.04: INSECTS APPRETING MAN 6	RIS B BL ORGI 2.1	ngs .0	-0	•0	2. 1	.0	.0
GRAND TOTAL	2.1	.0	.0	.0	2.1	.0	.0

TABLE V-B	STATE SCHALBY O	r scibbtist-vi	18S POR	PY 1977
PESBARCH PROGRAM	SUMMART			
		185	BRS	PCS/SBS
pp 2.03: PORBST	PROTECTION	. 6	.0	.0
RP 3.03: PHEAT		•3	-0	.0
BP 3.04: SMALL (GRAINS OTHER THA	TASUR W	.0	-0

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STATE SUBBLET OF SCIENTIST-TRAPS FOR PT 1977

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TABLE T-8 STATE SUMBARY OF SCIENTIST-YEARS FOR PF 1977 125 ERS PCS/SRS

RP 7.01: GEWERLL RESOURCE OR TECHNOLOGY .8

GRAND TOTAL

GRAND TOTAL

RESBARCH PROGRAM SUNBARY

BP 1.02: WATER & WATERSHEDS

BESBARCH PROGRAM SUMMARY

BP 3.08: SUGAR

GRADO TOTAL

BP 3.09: FORAGE, RANGE, & PASTURE

RESEARCH PROGRAM SUMMANT

GRAND TOTAL

RP 2.03: FOREST PROTECTION

1.0 1.0

STATE SOMBARY OF SCIENTIST-YEARS FOR PY 1977

195

BESBARCE P	ROCKEN SCHOREL						
		198	RRS	PCS/SRS	75	TOTAL	SLES
RP 4.01:	682P	.7	.0	•0	.0	.7	.0
EP 4.02:	DAIRY	.4	.0	.0	.0	.4	_0
GRIND TOTA	ı	1.1	.0	.0	-0	1. 1	.0
TABLE Y- Besbarch P	B STATE SOMMARY OF SCI	Butist - 1	Blas Pol	B Fr 1977		9)	PRINIRY)
		ARS	223	PCS/58S	75	usda Tatal	3123
BP 3,13;	PRUIT	.3	.0	.0	-0	. 3 _.	. 0
RP 6.02:	PORSIGN AGRICULTURAL TRADE				.0	1.7	.0
GRAND TOTA	i.L	2.0	.0	.0	.0	2.0	.0
TAGLE V-	-D STATE SUMMARY OF SC PROGRAM SUMMARY					OSDA	
BB58ABÇ8 I		LRS	RRS HIC DEVE	PCS/SRS Lophryt	ys		Primary) Sars
BB58ABÇ8 I	PROCESS SUMMERT	LRS	RRS	PCS/SRS	#S .0 .0	OSDA	-
8858ABC8 E	PROCESS SUMMERT	kas 8 Bootos	RRS HIC DEVE	PCS/SRS LoperyT .0	.0	OSDA TOTAL	9139
BESSABCS : RP 6.02: GRAND TOTA	PROGRAM SUMMARY PORRIGH AGRICULTURAL TRADE	RRS & BCOFOI -4 -4	RES HIC DEVE	PCS/SRS LOPHRWT .0 .0	.0	OSDA TOTAL .4 .4	9139
BESSABCS : RP 6.02: GRAND TOTA	PROGRAM SUMMART PORRIGH AGRICULTURAL TRADE LL	RRS & BCOFOI -4 -4	RES HIC DEVE	PCS/SBS LOPHRWT .0 .0	.0	OSDA TOTAL .4 .4	SASS .(
BESEARCE E RP 6.02: GRAND TOTA TABLE V- BESEARCE F	PROGRAM SUMMART PORRIGH AGRICULTURAL TRADE LL	LRS & ECOSOI -4 -4	RES HIC DEVEI .0 .0	PCS/SBS LOPHRHT .0 .0 .0	.0	OSDA TOTAL .4 .4	9185 .(.(
RP 6.02: GRAND TOTA TABLE Y- RESEARCE P	PROGRAM SUMMARY PORRIGH AGRICULTURAL TRADE AL PROGRAM SUMMARY OF SCI	LRS 8 ECOSO: -4 .4 .4 .4 .4	RES HIC DEVEL .0 .0 .0 ERS	PCS/SRS LOPHRET .0 .0 .0	.0	USDA TOTAL	3188).
RESEARCE E RP 6.02: GRAND TOTA TABLE V- RESEARCE F RP 3.04:	PROGRAM SUMMARY PORRIGH AGRICULTURAL TRADE AL PROGRAM SUMMARY GRAIN SOROHUM	RES SECONO 1 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4 -4	RES HIC DEVEN O O O RES HERS POI	PCS/SRS LOPHRET .0 .0 .0	.0 .0	USDA TOTAL -4 -4 -4 -7 -7	SAES

TABLE V-8 STATE SUMMARY OF SCI	BRTIST-	TRABS POE	PY 1977		(PRIMARY)		
RESPARCE PROSPAN SUMMART					4120		07H COOP	2021
	ARS	ERS	PCS/5 BS	PS	TOTAL	SAES	INSTS	POBI
RP 1.02: WATER 6 WATERSHEDS	6.1	.0	-0	.0	6.1	-0	-0	
GRAND TOTAL	6.1	.0	.0	.0	6.1	.0	-0	
TABLE V-B STATE SUBBLET OF SCI	BUTIST-	YBARS POB	PY 1977		(PRIBART)		
RESBARCH PROGRAM SUMMARY					7904		O## COOR	2025
	ARS	BģS	PCS/SES	PS	TOTAL	SABS	OTU COOP INSTS	FOB!
89 3.08: SOGAR	.0	.0	.0	.0	.0	.0	.0	
BP 4-05: 5#INB	.0	.0	-0	.0	.0	.0	-0	
GRAND TOTAL	• D	-0	-0	.0	.0	-0	.0	
TABLE Y-B STATE SUMMARY OF SCI	BHTIST-	TRABS POI	PY 1977			(PRIMART)		
RESHARCH PROGRAM SUMMARY					USDA		OTH COOP	POR:
	ars	BRS	PCS/S BS	PS	TOTAL	SARS	ETEKI	SCI
32 3.03: WHEAT	.4	-0	.0	.0	.4	-0	-0	
BP 3-05: RICB	٠,	.0	.0	.0	. 4	.0	.0	
RP 3.06; SOYOBANS	. 4	40	.0	.0	. 4	.0	.0	
RP 3.07: PBANUTS								
	. 9	•0	.0	.0	-4	-0	-0	
	.4	•0	-0	.0	. 4	-0	-0	
BP 3.12: MBH CROPS & MINOR OILSERDS	1,7	.0	.0	-0	1.7	.0	-0	
GRAND TOTAL	3.5	. •0	-0	-0	3.5	.0	.0	
TABLE V-B STATE SUBBLEY OF SCI	BHTIST-	-IBARS FO	R FT 1977			(PRISART)		
RESEARCH PROGRAM SUMMARY					USDA		OTH COOP	
RP 4.01: DEEP	ARS	RDS	PC9/599	78	TOTAL	SARS	I¥STS	SC
	1.7	•0	-0	-0	1.7	.0	.0	
SP 4.02: DAIRY	1.7	.0	.0	-0	1.7	-0	.0	
RP 5.03: RURAL DEVELOPMENT & QUALITY	OP PAI	111 1111 .0	1 0	•0	, 9	. 0	.0	
GRAND TOTAL	4.3	.0		.0			-0	

TABLE	4 - B	STATE	SUBBLET	QP	SCIBRTIST-YELRS	POR	PŦ	1977	
RESEARCE	. 650CETH	508819	a T						

(PRIMARY)

		ARS	BAS P	C9/585	25	USDA TOTAL	SABS	OTR COOP	70% SC
BP 3.12:	NEW CROPS & MINOR OILSEEDS	4.8	.0	.0	.0	4.8	.0	.0	
BP 3.13:	FROIT	2.0	.0	.0	.0	2.0	.0	.0	
RP 3.14;	ARGELFBUE CRODS	8.4	.0	.0	.0	4.8	.0	.0	
BP 6.02:	PORBIGE AGRICULTURAL TRACE	6 ECOHOR 3.7	.O IC DEVELOP	7### 0.	.0	3.7	.0	.0	
GBAND TOTA	12	15.3	.0	-0	.0	15.3	.0	.0	

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OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY,

RORAL DEVELOPMENT 6 QUALITY OF PAGILY LIVING

INSECTS APPROTING MAN 6 HIS BELONGINGS

PARM ADJUSTMENT, PRICES & INCOME

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RP 9-01:

RP 4-02:

RP 4-03:

RP 4-04:

RF 9.05:

RP 4.06:

RP 4-07:

RP 5.01:

RP 5.02:

RP 5-03:

BP 5.04:

RP 6.01:

BP 6.03:

BF 7.01:

BP 9.01:

GRAND TOTAL

BERF

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BP 5.04; INSECTS APPRETING NAM 6 HIS BELONGINGS .0 .0

RP 6.01: PARS ADJUSTSENT, PRICES 6 INCOME .0 .0

SP 7.01: GENERAL BESOURCE OF TECHNOLOGY 5.0

BP 9.01: UNCLASSIFIED

OBBMD TOTAL

SP 6.03: BARKETING & COMPETITION .0 .0 .0

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BESEFECE	PROGREM SUMMERS							
		7.B.S	205	PCS/SBS	75	USDA TOTAL	Sirs	OTH COOK
BP 1-01:	SOIL 6 LAND USE	.0	•0	.0	.0	.0	- 6	. (
89 1.02:	WATER & WATERSHEDS	.0	.0	.0	.0	.0	. 8	٠ (
BP 1.03:	RECREATION	.0	.0	_0	.0	.0	.6	
BP 1.04;	ESTIFONSERTAL QUALITY	.0	.0	-0	.0	-0	1.0	
RP 1.06:	PISH 6 WILDLIPS	.0	.0	.0	.0	.0	-0	. (
BP 2.03:	POREST PROTECTION	.0	.0	.0	.0	• 0	3.1	•
RP 2.06:	POREST RANGE WILDLIPE & PISS	BRIES H	TATIBA O.	THEBQUIEVEC 0.	.0	.0	- 8	•
RP 2.08;	ALTREVATE OSES OF LAND	.0	.0	-0	.0	.0	. 3	.0
RP 3.01:	COBM	.0	.0	-0	.0	-0	1.4	•1
RP 3.02:	GRAIN SORGAUM	.0	-0	-0	.0	.0	•1	.0
RP 3.03:	REST	.0	.0	•0	.0	.0	-1	_(
BP 3.06:	SOTERARS	.0	.0	.0	-0	.0	1.9	.0
RP 3.09:	PORIGE, RANGE, & PASTURE	٥.	٥.	.0	.0	.0	.0	•
BP 3.14;	ARCELT BFE CROSS	.0	-0	-0	.0	.0	3.8	•(
RP 3.15:	PLISTS TO EMBLACE THE BATTED	THERE O.	.0	.0	•0	.0	-3	.0
BP 3-16:	BEES & OTHER POLLINATING ISS	ECTS	.0	-0	.0	.0	-6	.0
RP 4.01:	B 2 2 5	.0	.0	•0	.0	.0	-1	- (
8P 4.02:	DAIRT	.0	-0	.0	.0	-0	1.6	-1
8P 4.03;	800LT81	2.4	.0	٠0	.0	2.4	2. 2	.0
BP 9-06:	OTHER ABINALS (HORSES, GOATS	PRTS,	LABORA:	TORY, BTC.)	.0	.0	-0	.1
8P 4.07:	AQUATIC POOD & PERDSTOPPS	.0	.0	•0	.0	.0	.0	•:
89 5.01:	LOGD & AGLETLIOR	.0	.0	.0	•0	.0	.6	
BP 5.03:	ROSAL DEVELOPMENT & QUALITY	OF PARTS	LT LIVI	#G .0	.0	.0	.6	.7

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(PRIMART)

USDA TOTAL

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LE V-B STATE SUBBARY OF SCIENTIST-18ABS FOR PT 1977

PARCH PROGRAM SUNNARY

1.03: AECHBATION

		••	•••	. 0	.0	. 0		
1.04:	BRAIBONMBRITT GOTTLLA	.0	9.0	. 0	.0	9.0	.0	.0
3.01:	COBM	.0	.1	.0	.0	.1	.0	.0
3.02:	GRAIN SORGHUM	.0	.0	.0	.0	.0	.0	-0
3.03:	PHRAT	-0	. 1	.0	.0	.1	.0	.0
3.04:	SHALL GRAINS OTHER THAN WE	FAT .O	. 1	.0	.0	. 1	. 0	.0
3.05:	BICB	.0	.0	.0	.0	. 0	.0	.0
3.06:	SOTBEANS	.0	.5	.0	.0	. 5	. 0	.0
3.10:	COTTOR	.0	1.4	.0	.0	1. 4	.0	.0
3, 15:	PLANTS TO BEHANCE THE ENVI	BORNENT 8.8	. 0	.0	.0	8.8	.0	.0
4.01:	BESP	.0	.0	.0	.0	.0	.0	.0
4.03:	POULTRY	.0	.0	.0	-0	.0	.0	-0
4.041	SHB2P	.0	.0	.0	.0	.0	.0	-0
5.01:	POOD & HUTRITION	-0	11.5	.0	.0	11.5	. 2	.0
5.03:	BURAL DRYBLOPHENT 6 QUALIT	T OF PAR	TLY LIVING	.0	.0	43.6	.0	.0
6.01:	PARM ADJUSTMENT, PRICES &	.O IRCONE	59.1	.0	.0	59.1	.0	.0
6.02:	PORBIGN AGRICULTURAL TRADE	.0	087810	THBH9 0.	_0	80.7	.0	.0
6,03:	HARRETING & COMPETITION	-0	141.9	19.7	.0	161.6	. 2	-0
HD TOT	àL	8.8	364.7	19.7	.0	393. 2	.6	.0

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RP 7.01: GENERAL BESOURCE OF TECHNOLOGY

RP 9.01; UNCLASSIFIED

GRAND TOTAL

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	Y-8 STITE SOURLRY OF PROGRIE STANKEY	SCIENTIST-F	BARS POR F	r 1977		(1	GINABT)		81 81
		185	BRS F	C5/595	P5	USDA TOTAL	SABS	OTH COOP	PORESTRI SCHOOLS
1.01:	SOIL G LAND USB	2-4	.0	.0	.0	2.4	2.0	.3	• 0
1.02:	WATER & WATERSHEDS	8.0	•0	.0	.0	8.0	. 5	.0	.0
1-03:	RECREATION	.0	. 0	.0	.0	.0	. 1	• 0	• 0
1.04:	BH9IRONMBHTAL QUALITY	31.8	-0	.0	-0	31.8	4.0	.4	. (
1.06:	PISH & WILDLIPE	.0	.0	.0	.0	.0	. 6	• 0	• 0
1.07:	REMOTE SERSING	. 9	.0	.0	.0	.9	.0	.0	.0
2.02;	THEBER HANAGEBERT	-0	-0	.0	4.0	4.0	. 5	.0	.0
2.03:	POREST PROTECTION	2.3	.0	.0	.0	2.3	- 6	.0	-0
2.04:	SARVESTING PROCESSING &	MARKETING O			.0	.0	1.0	.0	-0
2-05;	POREST WATERSHEDS, SOIL	S. POLLUTION	.0	.0	.0	.0	1.1	.0	-0
2.07:	FOREST RECREATION & ABS	THETICS & OT			.0	-0	.0	.0	.0
3.011	CORN	5.0	.0	.0	.0	5.0	2.5	.0	.0
3.02:	GRAIN SOEGEUM	.2	•0	.0	•0	.2	.0	.0	•0
3.03;	MHBAT	6.2	.0	.0	.0	6.2	.8	.0	.0
3.04:	SHALL GRAINS OTHER THAN		.0	.0	•0	2.1	.4	.0	.0
3.05;	aica	.6	•0	.0	.0	.6	-0	.0	.0
3.06:	SOYBBANS	11.6	.0	.0	.0	11.6	2.7	.8	.0
3.08:	SUGLE	3.0	.0	.0	.0	3.0	-0	.0	.0
3.09;	PORAGE, RANGE, & PASTUR		.0	.0	.0	8.5	2.4	.0	.0
3. 10:	COTTON	3.0	.0	.0	.0	3.0	.2	•0	.0
3. 11:	TOBACCO	9.8	.0	.0	.0	9. 8	2.9	.0	.0
3. 12;	NEW CROPS & MINOR OILSE		.0	.0	.0	7.3	.2	.0	.0
3. 13:	PBUIT	20.4	.0	.0	.0	20.4	3.4	.0	.0
3. 14:	VEGETABLE CROPS	26.1	.0	.0	.0	26.1	6.2		.0
3. 15;	PLANTS TO BUHANCE THE E		.0	.0	.0	16.1	2.1	.0	.0
3. 16;	BEES & OTHER POLLINATING		.0	.0	.0	4-0	.3		.0
4.01:	9887	16.2	.0	.0	.0	16.2	3. 1	.0	.0
9.02:	DAIRT	34.8				34.8			
4.03:	POULTRY	•	-0	.0	.0		6.2	.0	-0
4.04:	SHEEP	16.2 7.9	.0	.0	.0	16.2	8.0	.2	.0
4.05:	SWIEB				.0	7.9	.2	.0	
9.061	OTHER ANIBALS (BORSES,	14.0 GOATS, PETS,		.0 f, Bic.)	.0	14.0	.7	.0	•0
4.07:	AQUATIC POOD 6 PEEDSTOP		.0	.0	-0	9.0	2.9	.0	.0
5.01:	FOOD & HUTRITION	.1	.0	.0	.0	•1	1.6	.2	.0
5 02.	BAAD CIPROV	83.0	-0	-0	.0	93.0	.6	.5	.0

5.02: FOOD SAFRTY

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5.02: POOD SAPETY 13.4 .0 .0 .0 13.4 1.5 5.03: BURAL DEVELOPMENT & QUALITY OF VARILY LIVING 5.8 .0 .0 5.8 3.4

TIBLE T-B STATE SOURCES OF SCIENTIST-IBARS FOR PT 1977

{PBIB191}

BESSIBCE PROGREE SCHMIST

		185	889	PC9/SRS	75	USOL TOTAL	SARS	OTH COC
RP 5.04:	INSECTS APPROTING 6	A.4	.0	.0	.0	4.4	1.2	_
BP 6.01;	FARE ADJOSTMENT, PR	ICBS 6 INCOMS 3.7	.0	.0	.0	3.7	1-0	
88 6.03;	PORRIGH AGRICULTURA	L TRADE & SCONOR	.0 .0	LOPEBUT 0	-0	4.6	.7	
SE0.9 48	NYBERTING & CORESTI	710B 26.8	.0	.0	.0	26.8	2.7	
BP 7.01:	GEFERRE RESOURCE OR	TECE 1010GT 119-2	.0	.0	.0	119.2	4.3	
#P 9.01:	ORCLASSIPIED	.0	.0	.0	.0	.0	.4	
GRAND TOT	A L	523-4	.0	.0	4.0	527.4	72.6	3.

	-B STATE SUBMARY OF SCI.	RHTIST-	TELES POR	PT 1977		(F	@18 & 8Y)		
		185	BRS	PCS/989	PS	OSD1 TOTAL	SABS	OTO COOP	PORES SCHO
EP 1.01:	SOIL & LAND USB	-0	.0	.0	.0	.0	1.9	.0	
ap 1.03:	BECSEATION		.0	.0					
BP 1.04:	BNYIRONSBHTAL QUALITY	-0			.0	.0	.3	.0	
BP 1.06:	FISH & WILDLIFB	-0	•0	.0	.0	.0	3.7	.0	
RP 2.01:	INVENTORY & APPRAISAL OF PO	.O REST &B	.0 SOURCES	-0	.0	.0	•1	.0	
BP 2.02:	TIMBER MARAGEMENT	.0	-0	•0	-0	.0	.5	.0	
BP 2.03:	FOREST PROTECTION	.0	.0	.0	•0	.0	.8	.0	
		2.4	.0	.0	-0	2.4	1.0	•0	
RP 2.041	HARTESTING PROCESSING 6 NAME	-0	.0	-0	-0	.0	1. 1	-0	
BP 2.05;	POREST WATERSHEDS, SOILS, P	-0	-0	.0	•0	•0	. 4	-0	
BP 2.06:	POBEST SANGE WILDLIPS & PIS	BRIES .O	AABITAT D	.Q	2.4	2.4	.0	.0	
BP 2.07:	FOREST RECREATION & ABSTHET	1CS & 0	TH LANDSC	APR VALUES	3.6	3,6	.6	.0	
8P 2.08:	ALTERNATE USES OF LAND	.0	-0	.0	.0	.0	.1	.0	
9P 3.01:	COBA	-0	.0	.0	.0	•0.	1.2	.0	
BP 3.092	PORAGE, RANGE, 6 PASTORE	-0	.0	•0	.0	-0	1.3	.0	
8P 3.12:	HEW CROPS & MINOR OILSEEDS	.0	-0	.0	.0	.0	.1	.0	
BP 3,13:	PROIT	. 3	.0	-0	.0	. 3	6.5	-0	
RP 3.14:	FEGETABLE CROPS	.0	•0	.0	•0	.0	3.0	.0	
BP 3. 15:	PLANTS TO BUHANCE THE BAVIS		.0	•0	.0	.3	1.1	.0	
1P 4-01:	BBEP								
BP 4_02:	pli ni	•0	•0	.0	-0	•0	.1	.0	
RP 4.03:	POULTRY	•0	.0	.0	•0	.0	.6	.0	
RP 4.04:	3 H B B P	-0	.0	• 0	•0	.0	2.0	.0	
BP 4-06:		.0 8. PRTS	.0	_0 ORY_ RTC_1	.0	-0	.0	•0	
			.0	.0	.0	•0	1.0	.0	
	AQUATIC FOOD & PERDSTOFFS	- 0	.0	-0	•0	-0	.5	.0	
	fOOD & NOTRITION	-0	-0	.0	.0	.0	4.0	.0	
RP 5.02;	FOOD SAPETY	-1	.0	.0	•0	-1	1.9	.0	
RP 5.031	SURAL DEVELOPMENT & QUALITY	OP PAN	.O	۰.0	.0	.0	1.0	.0	
RP 5.04;	INSECTS APPROTING HAN 6 HIS	BRLONG .0	INGS .Q	-Q	.0	-0	٠,٦	-0	
Br 6.03;	MARKSTIEG & COMPETITION	-0	.0	.0	•0	•0	.8	.0	
BP 7.01:	GREBBL BESQUECE OF TECHNOL	.0	-0	.0	.0	.0	.6	.0	
GBARD TOT	ıı	3.1	.0	.0	6.0	9.1	37.4	.0	

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P	1.03:	BECREATION	-0	.0	.0
₽	1.04:	ENVIRONMENTAL QUALITY	•0	.0	.0
P	1.05:	SETTING SODIFICATION POR	.0	PORESTRY .G	.0
P	1.07:	BRHOTE SEESING	•0	.0	. Q

RP 2.04: BABYESTING PROCESSING & MARKETING OF FOREST PRODUCTS .0 .0 .0

BP 2.06: POREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT

SP 2.07: FOREST RECREATION 6 ARSTHRETICS 8 OF S LANDSCAPE VALUES

RP 2.05: PORBST WATERSHEDS, SOILS, POLLDTION

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BP 4.06: OTHER ABIHALS (HORSES, GOATS, PETS, LABORATORY, ETC.)

RP 5.03: ROBAL DEVELOPMENT & QUALITY OF PANILY LIVING

RP 6.01: PARM ADJUSTERST, PRICES & INCOME

EP 7.01; GENERAL BRSOORCE OF TECHNOLOGY

EP 6.03: BARRETING & COMPRESSION

STATE SUMBARY OF SCIENTIST-TRANS FOR FY 1977

TABLE T-8

BESEARCH PROGRAM SUBBART

RP 2.02: TIMBER MANAGEMENT

RP 2.03: PORRST PROTECTION

BP 2.08: ALTERNATE USBS OF LAND

BP 3.09: PORAGE, RANGE, & PASTORS

BP 3.15: PLANTS TO BREAKCE THE ENGINORERY

SP 4.07: AQUATIC FOOD & PREDSTOFFS

BP 5.01: POOD & MUTRITION

AP 5.02: POOD SAPETY

GRAND TOTAL

RP 3.01: CORN

MP 3.13:

RP 4.02: DATES

RP 4.03: POULTRY

BP 3.06: SOYBBARS

PROIT

SP 3.14: YEGSTABLE CROPS

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RESEARCH	BUOGRAD	SUBPART

BESBARCH	PROGRAM SUMMARY					Ite O)		CTE COOR	800
		AB5	BRS	PC 5/5 RS	P5	USDA TOTAL	5189	OTH COOP INSTS	POR
RP 1.01:	SOIL & LAND OSB	- 0	.0	-0	•0	.0	7, 3	.0	
RP 1.02:	WATER G WATERSHEDS	.0	-0	•0	.0	.0	1. 9	•0	
PP 1.03:	PECREATION	-0	.0	• 0	- 0	.0	. 4	.0	
BP 1.04:	BRAISCHWBRIFF GOTFILA	.0	.0	.0	.0	.0	10.8	.0	
RP 1.05;	WEATHER MODIFICATION POR AG	RICOLTURE • 0	S FORE	STRY	.0	.0	.3	.0	
RP 1.06:	PISU & WILDLIPB	-0	.0	.0	.0	.0	1.5	•0	
BP 2.01:	INVESTORY & APPRAISAL OF PO			.0	.0	-0			
RP 2.02:	TIMBER HANAGEMENT						.1	.0	
ge 2.03:	PORRST PROTECTION	.0	-0	.0	1, 1	1.1	.5	.0	
RP 2-05:	POREST WATERSHEDS, SOILS, P	-0 OLLUTION	•0	• 0	•0	.0	3.6	-0	
RP 2.07:	FOREST RECREATION & APSTHET	.0	.0	.0	3.4	3.4	-4	.0	
••		.0	-0	0.	.0	.0	.5	.0	
85 5.08:	ALTERNATE USES OF LAND	-0	-0	-0	-0	.0	1.6	-0	
BP 3.01:	CORN	•0	.0	.0	.0	.0	. 3	.0	
RP 3.03;	WHBAT	-0	-0	.0	.0	.0	-0	.0	
Eb 3"0#:	SHALL CRAIRS OTUBR THAN WHE	.0	.0	-0	.0	.0	,1	.0	
RP 3.06;	SOYBEANS	.0	• 0	.0	-0	.0	.3	.0	
BP 3.07:	PEANUTS	.0	.0	.0	-0	.0	. 2	.0	
Bb 3.09:	POBAGE, RANGE, 8 PASTURE	•0	.0	.0	.0	.0	2.4	•0	
ap 3.10:	COTTON	.0	.0	.0	.0	.0	.1	.0	
BP 3.12:	NEW CROPS & MIROR OILSERDS	.0	.0	.0	.0	.0	. 4	.0	
RP 3.13:	PROIT								
BP 3.14:	VEGETABLE CROPS	3.3	.0	-0	.0	3.3	10.3	.0	
RP 3.15:	PLANTS TO BRHANCE THE BRFIE	.7 ONMENT	.0	•0	.0	.7	9,7	-0	
	BEST	•0	• 0	-0	.0	.0	5.7	•0	
RP 4.01:		.0	.0	.0	-0	.0	.5	•0	
BP 4-02:		-0	.0	.0	₊ 0	.0	2.4	.0	
BP 4.03:	POULTRY	.0	-0	.0	.0	.0	3.7	.0	
RP 4.05:	SWINE	.0	.0	.0	.0	.0	. 5	-0	
RP 4.06:	OTHER ANIHALS (SORSES, GOAT	e, pers,	Labora1	ORT, BTC.)	.0	.0	. 6	.0	
BP 4.07:	AQUATIC POOD & PERDSTUPPS	.0	.0	.0	.0	.0	. 1	-0	
RP 5.01:	POOD 8 NOTRITION	•0	1.0	•0	.0	1.0	6.0	-0	
88 5.02:	FOOD SAPETY	.0	.0	.0	.0	•0	12.0	.0	
BP 5.03;	BURAL DEVELOPMENT & QUALITY				-0	.0	4.7	.0	
BP 5.04:	INSECTS AFFECTING BAN 6 HIS	8BLONGIN		•0	.0	.0	5. 1		
mp 6.01:	PARH ADJUSTMENT, PRICES & I								
RP 6.Q3:	MARKETING & COMPETITION	.0	.0	.0	.0	.0	1. 2	.0	
RP 7.01:	GENERAL RESOURCE OR TECHNOL	.0 .0GT	-0	.0	-0	.0	2.8	.0	
		.0	.0	.0	.0	.0	8.5	.0	

TABLE	T-8	STATE	1088887	OF SCIENTIS	T-YELRS P	OB PY 1977			(LETRIBL)
RESELEC	8 PB0681	SONNA	RT						
				185	895	FCS/883	?5	USDA Potal	SIBS
#P 9.01	2 OFCLAS	5171 8 0		.0	.0	.0	.0	.0	2.3

4.0 1.0 .0 4.5

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GRAND TOTAL

ADPE 1	-1 31213 33.02.0.						(1
ESEARCH	PROGRAM SOMMARY	ARS	88S	PCS/SBS	PS	OSDA TOTAL	HEW YORK	HBW YORK GRHBVA	PORBSTI 9CHOOL
e 1.01:	SOIL & LAND OSE	5.2	.0	.0	.0	5.2	5.7	.2	SCHOOL
p 1.02:	WATER & WATERSHEDS	•0	.0	.0	.0	.0	1, 2	•1	
P 1.03:	RECREATION	•0	•0	.0	.0	. 0	1. 2	.0	
P 1.04:	ENVIRONMENTAL QUALITY	•0	-0	.0	.0	.0	13.5	1.0	
P 1.05:	MEATHER MODIFICATION POR	AGRICULTOBE	€ PORE		.0	.0	. 0	• 4	
P 1.06:	PISH & WILDLIPE	.1	-0	•0	•0	.)	3.0	.0	
P 1-07:	BENOTE SENSING	.0	.0	•0	.0	.0	.1	.0	
9 2.01:	INVESTORY & APPRAISAL OF			.0	•0	.0	.0	.0	
P 2.02;	TIMOBR MANAGBRENT	.0	.0	•0	.0	.0	1.4	.0	1.
P 2.03:	POREST PROTECTION	.0	.0	.0	.0	.0	•1	.0	3.
P 2.04:	HARVESTING PROCESSING 6				.0	.0	• 1	.0	9.
P 2.05:	POREST WATERSHEDS, SOILS		.0	.0	.0	.0	.1	.0	1.
P 2.06;	FOREST BANGE WILDLIFE &				.0	.0	.5	.0	2.
P 2.07:	PORBST RECREATION & ABST				1.8	1.8	1.3	.0	۲۰
P 2.00:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.2	.0	•
P 2.091	TECHINICAL ASSISTANCE	.0	.0	.0	.0	.0	.0	•0	1
9 3.01:	CORM	.0	.0	-0	.0	.0	6.0	.0	
P 3.03:	WHEAT	.0	.0	.0	.0	.0	.8	.0	
P 3.04:	SHALL GRAINS OTHER THAN		.0	.0	.0	1.0	.6	.1	
P 3.05;	RICE	.0	.0	.0	.0	.0	.0	.0	1
P 3.06:	SOYDBANS	2.1	.0	.0	.0	2.1	1.1	-1	
P 3.09:	POBAGE, RANCE, & PASTURE		.0	.0	.0	4.3	6.1	.3]
P 3.10:	COTTON	•0	.0	.0	.0	.0	.0	.0	
P 3.11;	TOBACCO	.8	.0	-0	-0	.6	.0	.0	1
P 3.12:	NEW CROPS & MINOR OILSES		.0	.0	.0	.0	-1	.5	
P 3.13:	PRUIT	.3	-0	.0	.0	. 3	7.3	36, 1	1
P 3.14:	VEGETABLE CHOPS	2.0	.0	.0	.0	2.0	16.5	20.2	•
P 3.15:	PLANTS TO ENHANCE THE BR		.0	.0	.0	4.0	5.2	1.2	1
P 3.16:	BESS & OTHER POLLINATING	INSECTS	٠٥	.0	.0	.0	1.3	.0	1
2 4.01:	BERF	.0 15.1	.0	.0	-0	15.1	5.0	.0	1
P 4-02:	DFISA	10.3	.0	.0	-0	10.3	24.1	.0	
P 4.03:	POULTRI	10.3	.0	٠٠	.0	1.5	11.3	.0	1
P 4.04:	SREBP	3. 2	.0	٠0	-0	3.2	4.8	.0	
P 4.051	SHINE						4.2	-0	
P 4.06:	OTHER ANIMALS (HORSES, G		.0 Laborat	.0 PORT, BTC.)	.0	7.4			
D B N7-	1001 ጥርር የዕሰቤ ሪ የ ዩቼክዩተበዩን	.6	-0	.0	•0	. 6	16.8	•0	

P 4.07: AQUATIC FOOD & PERDSTOFFS .0 .0 .0 .0 .0 3.3 .5

(PRIMARY)

ABLE V-8 STATE SURKARY OF SCIENTIST-YEARS FOR FY 1977

55

TABLE	Y-8	STATE SUBBLET	OF SCIBBTIST-	YBLES POR	#¥ 1977			(PRISESY
BESBIRCH	PROGRAM	SUABLET						
			185	88 8	PCS/SBS	PS	US DA TOTAL	HEW YOR
RP 5-01;	1000 &	HOTELTION			0	.0	1. 1	11.

RP 5-01;	FOOD & BUTBITION	1.1	.0	.0	•0	1. 1	11.
BP 5-02:	POOD SAPETY	.0	.0	-0	.0	.0	э.
BP 5.03:	RUSAL DEVELOPMENT & QUALITY	OF F1#1	LT LIVING	.0	.0	.0	20.
EP 5.09:	INSECTS APPROTING NAM & HIS	BBLONG:	. NGS	.0	.0	.0	3.
RP 6-01:	PARM ADJUSTMENT, PRICES 6 I	.0 .0	•0	.0	.0	.0	6.
8P 6.021	POSEIGN AGRICULTURAL TRADS	.0	IC DEVELOPE	.0	.0	.0	2.
MP 6.03:	SYBERGIAG & CONDSTITION	.0	.0	.0	.0	.0	3.
RP 7.01;	GRARBAL BESOURCE OF TECHNOL	00 † 3.6	•0	.0	.0	э. 6	42.
RP 9.01:	ORCLASSIFIED	.0	1.0	.0	.0	1.0	
GRAND TOT	L L	58.9	1.0	.0	1.6	61.7	244.

(PRISSRY

OTB

STATE SUBMARY OF SCIENTIST-YBARS FOR PY 1977 (PRIMARI) RESEARCH PROGRAM SUBBART OSDA TOTAL SABS ARS 885 PCS/SRS ۲s RP 1.01: SOIL 6 LAND DSB 1.7 2.5 -0 . 0 4.6 BP 1-02: WATER 6 WATERSHEDS 7-1 7.3 . 2 ٠. .0 . 1 89 1.04: BHVIBONHBHTAL QUALITY 27.9 1.4 .0 .0 29.3 6.7 RP 1.06: PISH & WILDLIPE . 0 .0 .0 .0 . 0 2.2 BP 1.07: BBHOTE SENSING -0 . 0 . 0 .0 .0 BP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES .0 7.0 7.0 . 3 89 2.02: TIEBRE MANAGEMENT .0 .0 5.0 2.4 RP 2.03: POREST PROTECTION . 0 .0 .0 . 0 1.4 HABYESTING PROCESSING & MARKETING OF POREST PRODUCTS 8P 2.04: 3.0 BP 2.05: POREST WATERSHEDS, SOILS, POLLUTION .0 .0 . 0 1.7 . 0 BP 2.06: FOREST RANGE WILDLIPE & PISHBBIRS HABITAT DEVELOPMENT 1.0 1.0 . 9 BP 2.07: FOREST EECREATION & AUSTHETICS & OTH LANDSCAPE VALUES -0 1.3 RP 2.08: ALTERNATE USES OF LAND . 0 - 0 -0 ٠, . 0 . 3 39 3.01: COBN - 0 . 0 .0 ٠.0 6.0 .0 MARIT RP 3.03: .0 .0 ٠. ٠0 ٠. .3 BP 3.04: SHALL GRAINS OTHER THAN WHEAT 1.7 . 0 -0 .0 . 9 BP 3.09: PORAGE, HANGE, & PASTURE 10.5 .0 .0 -0 10.5 7.2 RP 3.11: TOBACCO .0 . 0 .0 ٠. BP 3.12: NEW CROPS & MINOR OILSEEDS 1.1 . 0 ٠0 1. 1 .0 PROTT BP 3.13: 5.5 .0 .0 .0 12.0 RP 3.14: YEGHTABLE CROPS -0 .0 10.9 RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT .0 .0 ۵. .0 5.0 BP 3.16: BEBS & OTHER POLLIBATING INSECTS .0 2.7 ٠. .0 - 5 BP 4.01: BEBP .0 36.6 .0 -0 36-6 0.3 BP 4.02: DAIRY 15.6 .0 .0 -0 15-6 7.6 POULTRY BP 4.03: .0 .0 .0 .0 9.1 8P 4.04: SRBBP .7 .0 .0 .0 .7 1. 2 89 9.05: . 0 .0 2.7 BP 4.06: OTHER ANIMALS (HORSES, GOATS, PRTS, LABORATORY, ETC.) ٠. .0 1.5 RP 5.01: FOOD & NUTRITION 46.2 3.0 46.2 .0 -0 .0

.0

2.9

12.2

.0

BP 5-03: BURAL DEVELOPMENT & QUALITY OF PARILY LIVING

BP 6.02: FOREIGN AGRICULTURAL TRADE 6 RCOVONIC DEVELOPMENT .0 .0 .0

89 5.44: INSECTS AFFECTING MAN & HIS BELONGINGS

MP 6.01: PARM ADJUSTMENT, PRICES 6 INCOME

BP 6.03: MARKETING & COMPETITION

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RP 5.02: FOOD SAPETY

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32.2

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1.7

12.6

-0

4.0

5.2

TABLE Y-B STATE SURBARY OF SCHRETIST-YEARS FOR PT 1977 (PRIBARY)

BESBARCH PROGRAM SUMBLEY

ARS	PAS	PCS/SBS	28	USDA TOTAL	SAES	OTA CO IMS
BP 7.01: GREERL RESOURCE OR TECHNOLOGY 3.6	-0	-0	.0	3.6	11.6	
BP 9.01: OFCLASSIFIED .0	.0	-0	.0	-0	.0	
GRAND TOTAL 202.0	5.3	-0	16.0	223.3	137-1	

ABS BES PCS/SES PS TOTAL SAIR TESTS 15 TOTAL S	SBARCH	PROGRAM SUMMARY							Amu 2422	8055
1.02: WATER 6 WATERSEEDS 1.03: RECREATION 1.04: ENVISIONMENTAL QUALITY 1.05: WHATER HODIFICATION FOR AGRICULTURE 6 FORESTET 1.06: FISH 8 WILDLIFR 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0			ARS	BRS	PCS/SRS	P5		SARS		9088S
.0 .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	1.01:	SOIL & LAND USB	.0	-0	.0	-0	.0	1.7	.0	
.0 .0 .0 .0 .0 .0 .1.1 .0 1.05: SENTINGER MODIFICATION FOR AGRICOLTURE & FORESTRY .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 1.05: FISH & SILDLIFR .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 1.06: FISH & SILDLIFR .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 2.07: TIRDER MANAGEMENT .0 .0 .0 .0 .0 .0 .0 .4 .0 .0 2.05: FOREST WATERSHEDS, SOILS, POLIDITON .0 .0 .0 .0 .0 .0 .2 .0 2.06: FOREST BARGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	1.02:	WATER & WATERSHEDS	.0	.0	.0	-0	.0	. 1	.0	
.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	1.03:	RECREATION	.0	.0	.0	.0	.0	1. 1	.0	
106: FISH & WILDLIPR -0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	1.041	SMAISONSBRATT OGTTILL	.0	.0	.0	.0	-0	5, 5	.0	
.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	1.05:	WEATHER HODIPICATION FOR				-0	.0	.0	.0	
2.02: THROER MANAGEMENT	1.06:	FISH & WILDLIPR	-0	. 0	.0	. 0	-0	2.7	.0	
2.05: FOREST WATERSEBDS, SOILS, POLLOTION 2.06: FOREST BARGE WILDLIPE & PISHERIES HABITAT DEVELOPMENT 2.07: FOREST BARGE WILDLIPE & PISHERIES HABITAT DEVELOPMENT 2.07: FOREST BECREATION & ABSTHETICS & OTH LANDSCAPE VALORS 2.08: ALTERNATE USES OF LAND 3.13: FRUIT 3.0	2.02:	TIMBER MANAGEMENT								
2.06: POREST BRRGE WILDLIPE & PISHERIRS HABITAT DEVELOPMENT .0 .0 .0 .0 .0 .0 .0 .0 .2 .0 2.07: POREST RECREBATION & ABSTRATICS & OTH LANDSCAPE VALORS .0 .0 .0 .0 .0 .0 .0 .0 .5 .0 2.08: ALTERNATE USES OF LAND .0 .0 .0 .0 .0 .0 .0 .5 .0 3.14: VROUTABLE CROPS .0 .0 .0 .0 .0 .0 .0 .7 .0 3.14: VROUTABLE CROPS .0 .0 .0 .0 .0 .0 .0 .7 .0 3.15: PLANTS TO BUMANCE THE ENVIRONMENT .0 .0 .0 .0 .0 .0 .0 .5 .0 3.00: DAIRT .0 .0 .0 .0 .0 .0 .0 .5 .0 3.00: OTHER ANIBALS (HORSES, GOATS, PRIS, LABORATORY, BTC.) 3.00: OTHER ANIBALS (HORSES, GOATS, PRIS, LABORATORY, BTC.) 3.00: POOD & BUTRITION .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 3.00: S.01: POOD & SUTRITION .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 3.00: S.01: BURAL DEVELOPMENT & QUALITI OF PARILY LITING .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 3.00: GEMERAL BESOURCE OR TECHNOLOGY .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 3.7.01: GEMERAL BESOURCE OR TECHNOLOGY .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	2.05;	POREST WATERSHEDS, SOILS	, POLLOTION							
2.07: PORBST RECREATION & ABSTRETICS & OTH LANDSCAPE VALUES	2.06:	POREST BIRGE WILDLIPE &	PISHERIES HAI	BITAT D	EVELOPHENT					
2.08: ALTERNATE USES OF LAND 0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	2.07:	POREST RECREATION & ABST				.0	•0	• 4	.0	
.0 .0 .0 .0 .0 .0 .5 .0 3.13; PRUIT .0 .0 .0 .0 .0 .0 .0 .1.1 .0 3.14: YRGETABLE CROPS .0 .0 .0 .0 .0 .0 .0 .7 .0 3.15; PLANTS TO BNHANCE THE SHYIROMHENT .0 .0 .0 .0 .0 .0 .0 .0 .0 4.02: DAIRT .0 .0 .0 .0 .0 .0 .0 .5 .0 4.03: POULTRY .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 4.06: OTHER ANISALS (HORSES, GOATS, PRIS, LABORATORY, BIC.) .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 4.07; AQUATIC POOD & PREDSTUFFS .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 5.01; POOD 6 SUTRITION .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 5.03; RURAL DEVELOPMENT & QUALITI OF PARILY LITING .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 6.03; MARKETING & COMPETITION .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 7.01; GEFERAL BESOURCE OR TECHNOLOGY .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0						•0	.0	. 2	-0	
.0 .0 .0 .0 .0 .0 .1.1 .0 7 3.14: YRGETABLE CROPS .0 .0 .0 .0 .0 .0 .0 .7 .0 9 3.15: PLANTS TO BHHANCE TER ENTIRONNENT .0 .0 .0 .0 .0 .0 .0 .0 .0 9 4.02: DAIRT .0 .0 .0 .0 .0 .0 .0 .0 .0 .5 .0 9 4.03: POULTRY .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 9 4.06: OTHER ANIBALS (HORSES, GOATS, PRES, LABORATORY, BTC.) .0 .0 .0 .0 .0 .0 .1 .0 9 4.07: AQUATIC POOD 6 FEEDSTUPPS .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 9 5.01: POOD 6 BUTRITION .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 9 5.03: RURAL DEVELOPMENT 6 QUALITI OF FABILY LITIES .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 9 6.03: BARKETING 8 COMPETITION .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 9 7.01: GEHERAL BESOURCE OR TECHNOLOGY .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	-•		.0	.0	.0	.0	-0	.5	.0	
.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .			•0	-0	.0	-0	-0	1.1	.0	
.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	3.14:	TRUBTABLE CROPS	.0	.0	•0	-0	.0	.7	.0	
.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	3, 15;	PLANTS TO BUHANCE THE BU		.0	.0	.0	0	9.0	.0	
.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	4.02:	DAIRT	.0	-0	•0	.0	•0	.5	.0	
-0 -0 -0 -0 -0 -0 -1 -0 4.07: AQUATIC POOD & PREDSTUPPS -0 -0 -0 -0 -0 -0 4.6 -0 5.01: POOD & SUTRITION -0 -0 -0 -0 -0 -0 4.4 -0 5.03: BURAL DEVELOPHENT & QUALITY OF PARILY LITING -0 -0 -0 -0 -0 -0 -0 -0 -0 6.03: MARKETING & COMPETITION -0 -0 -0 -0 -0 -0 -0 -0 -0 7.01: GENERAL BESOURCE OR TECHNOLOGY -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	4.03:	POOLTRI	-0	.0	-0	+0	-0	2.6	.0	
.0 .0 .0 .0 .0 .0 4.6 .0 5.01: POOD 6 SUTRITION .0 .0 .0 .0 .0 .0 4.4 .0 5.03: RURAL DEVELOPMENT 6 QUALITY OF PARILY LITING .0 .0 .0 .0 .0 .0 2.1 .0 6.03: MARKETING 8 COMPETITION .0 .0 .0 .0 .0 .0 .0 .0 .0 7.01: GEMERAL BESOURCE OR TECHNOLOGY .0 .0 .0 .0 .0 .0 .0 .0 .0	4.06:	OTHER ANIBALS (HORSES, G	OATS, PRIS,	LABORAT O	CORY, BTC.)	•0	.0	. 1	.0	
.0 .0 .0 .0 .0 4.4 .0 9 5.03: BURAL DEVELOPHENT & QUALITY OF PANILY LITTED .0 .0 .0 .0 .0 .0 .0 .0 .0 9 6.03: MARKETING & COMPETITION .0 .0 .0 .0 .0 .0 .0 .0 .0 9 7.01: GEMERAL RESOURCE OR TECHNOLOGY .0 .0 .0 .0 .0 .0 .0 .0 .0	4.07:	AQUATIC POOD & PERDSTUPP		.0	.0	•0	-0	4.6	.0	
0 5.03: BURAL DEVELOPMENT & QUALITY OF PANILY LITTING .0 .0 .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	5.01:	FOOD & SUTRITION	.0	.0	.0	-0	.0	4.4	.0	
0 6.03: MARKETING & COMPRITION	5.03:	ROBAL DEVELOPMENT & QUAL	ITT OF PARIL	Y LIVI	10					
7.01; GREERAL RESCURCE OR TECHNOLOGY .0 .0 .0 .4 .0	6.03:	HARKETING & COMPETITION								
	7.01:	GREERAL RESCURCE OR TRCE	ROTOGA							
	IND TOT	å L								
			••		••	•			•	

BESPARCE PROGRAM SUMMARY

BESEVECE	PROGRAM SCHEART							
		ARS	885	PCS/SRS	25	OSDA Total	5189	OTB CO
BP 1.01:	SOIL & LAND USB	.0	.0	.0	-0	-0	2.0	
BP 1.02:	WATER 6 WATERSEEDS	.0	.0	.0	.0	.0	•2	
ap 1.03:	BECREATION	-0	.0	.0	.0	•0	-9	
89 1.04:	BRAIBORRERLTT OUTTIL	.0	-0	-0	-0	.0	1.7	
ap 1.05;	WEATHER SODIFICATION PO	R AGRICULTOR	B & PORB	STRT .0	.0	-0	.1	
BP 2.01:	INVENTORY & APPRAISAL O	P POBBST BBS	ODECES .0	.0	-0	.0	.0	
BP 2.02;	THEREGIALS BRENT	•0	.0	-0	5.0	5.0	.6	
BP 2.03:	POREST PROTECTION	-0	.0	•0	-0	-0	.7	
BP 2.04;	BARTESTING PROCESSING 8	O DWITSHELD O	P PORBST	PBODUCTS .0	.0	-0	1.1	
BP 2.06:	POSEST BANGE WILDLIFE &	FISBERIES 8	ABITAT D	TUSKSOJEVS O.	-0	-0	.0	,
BP 2.07:	POREST RECREATION 6 ARS	THETICS 6 OF	B LANDSC	-0	-0	.0	.0	
BP 2.09t	TRCHINICAL ASSISTANCE	- 0	-0	.0	3.0	3.0	.0	
BP 3.01:	COBM	•0	-0	-0	-0	.0	, 2	•
BP 3.09:	PORAGE, RANGE, 6 PASTUR	. 0	.0	.0	.0	.0	1.3	
BP 3. 13:	PSUIT	-0	.0	-0	.0	.0	2. 6	
BP 3.19:	VEGSTABLE CROPS	-0	.0	0	.0	-0	.0	
RP 3.15;	PLANTS TO EMBLECE THE E	THEBRUDELTH 0.	-0	.0	-0	.0	1.5	
BP 4-01:	BREP	•0	-0	.0	.0	.0	.1	
86 4.05:	DAIRT	.0	- 0	.0	.0	.0	3.2	
BP 4.03:	POULTRY	-0	.0	.0	.0	.0	1.4	
89 4.04:	SHEEP	-0	-0	.0	.0	.0	. 1	
BP 4.06:	OTERS ANIMALS (BORSES,	GOLTS, PRTS,	LABORATO	ORI, ETC.)	.0	.0	.1	•
BP 5.01:	ROLLIBLES 2 GOOS	•0	.0	.0	-0	.0	2.9	
PP 5-02:	POOD SAFETY	•0	.0	.0	.0	.0	-2	
BP 5.03:	BURAL DEVELOPMENT & QUA	LITT OF PART	'O TA FIAIR	.0	.0	.0	1.5	
BP 6.01:	PARE ADJUSTERET, PRICES	s INCORE	.0	.0	.0	-0	.4	
BP 6.03:	HARKSTING & COMPETITION	.0	-0	.0	-0	-0	1.1	
#P 7.01;	GENERAL RESOURCE OF TEC	.0	-0	٠.٥	.0	.0	3.9	
CEIRD TOT	at .	.0	- 0	.0	8.0	8.0	27.8	

	V~B STATE SUMMARY OP : PROGRAM SUMMARY)(lent131-1	SARD FU	T hr 1311		ι.	(PBIMABT)		R:
	Page 1	ARS	EBS	PCS/SRS	75	USDA TOTAL	SARS	OTH COOP INSTS	
1.01:	SOIL & LAND USE	7.5	.0	.0	.0	7.5	1. 9	•0	
1.02:	WATER 6 WATERSHEDS	.0	.0	.0	.0	-0	.3	.0	ام
1.03:	BECSEATION	.0	.0	.0	•0	.0	1.1	.0	•(
1.04:	BHAIRONNENAT ONTTIAL	٠.0	-9	.0	.0	-0	2.4	.0	.•
1.05:	WEATHER MODIFICATION FOR	AGBICULTUR .0	PE & POE!	estry .0	.0	-0	.2	.0	-(
1.06:	PISH & WILDLIPB	.0	.0	.0	.0	.0	1.2	-0	
2.01:	INVENTORY & APPRAISAL OF	POREST PES	SOUACES .0	.0	.0	.0	.8	.0	• (
2.02:	TINBER HENDERBERT	-0	.0	.0	3.0	3.0	1.6	.0	
2.03:	PORBST PROTECTION	.0	.0	.0	.0	.0	1.0	-0	•(
2.04:	HARVESTING PROCESSING &	MARKETING O	OP FOREST	T PRODUCTS	23,0	23.0	1.3	.0	_6
2.05:	FOREST WATERSHEDS, SOILS,	, FOLLUTION	.0	.0	3.0	3.0	.0	.0	.(
2.06:	POREST BANGE WILDLIPE & 1	PISHBRIBS H .O) TATIBAH 0.	ONVBLOPHBUT	2.7	2.7	.6	.0	•(
2.07:	PORRST RECERRATION & ABSTE	то а ерітвы .0	TH LANDSC	CAPE VALORS	.0	.0	٠,	.0	.1
2.08:	ALTBANATE USBS OF LAND	-0	-0	•0	-0	.0	. 4	.0	•
3.01;	COBA	•0	-0	•0	.0	-0	.7	.0	•
3.03:	WHBAT	.0	-0	.0	.0	.0	.1	-0	•
3.04:	SHALL GRAIMS OTHER THAN	TABHW O.	.0	•0	.0	.0	.1	.0	
3.09:	PORAGE, BANGE, & PASTURE	.0	.0	.0	.0	.0	1.8	.0	
J. 131	PROIT	.0	.0	.0	.0	.0	3.6	.0	
3.14;	VEGETABLE CROPS	•0	-0	.0	-0	-0	2.5	-0	
3- 15:	PLANTS TO BURNANCE THE BUT	THEBURGELF	.0	.0	.0	.0	. 9	.0	
4.01:	BBBF	.0	.0	.0	.0	.0	2.5	-0	
4.02;	DAIRY	-0	.0	.0	-0	-0	. 6	-0	
4.03:	boarisk	.0	.0	.0	.0	•0	2.9	.0	

.0

A.O6: OTHER APINALS (HORSES, GOATS, PETS, LABORATORY, ETC.)

5.03: ROBAL DEVBLOPHENT & QUALITY OF PARTLY LIVING .0 .0

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4.04: \$11882

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BESTARCH PROGRAM SOMMERT

BRSHARCH	PROGRAM SUMMER!							
		ABS	RBS	PCS/58S	PS	USDA TOTAL	SARS	11181 Tuskeg
BP 1.01:	SOIL 6 LAND USB	8.0	.0	•0	.0	8.0	3.9	
#P 1.02:	SATER & SATEBSURPS	.8	.0	.0	-0	.8	.4	
RP 1.03:	RECREATION	.0	.0	•0	.0	.0	.7	
RP 1.04;	PRILITE DATEBURGET PRE	.5	.0	.0	.0	. 5	4.9	
8P 1.06:	ALSR & MITOTIAB	.0	٠.0	.0	.0	.0	5 . t	
BP 2.01:	INVESTORS & APPRAISAL OF FOR	8002## 72# •0	CRS _0	•0	-0	.0	2.4	
RP 2.02:	TIMARA MANAGRARBY	.0	.0	.0	1.7	1.7	3.3	
89 2.03:	FOREST PROTECTION	.0	.0	.0	-0	.0	4.0	
BP 2.04:	BARVESTING PROCESSING 6 HARP	BTING OF P	OREST O.	PRODUCTS	2.6	2.6	1.9	
BP 2.05;	FOREST WATERSHEDS, SOILS, PO	101105	.0	.0	.0	.0	.2	
BP 2.06:	POREST BANGE WILDLIPE & PISS	BRIBS HABI	TAT D	*0 BABTOSHBM1	.0	.0	1.3	
RP 2.07;	POBEST PECBEATION & ABSTRETE	CS & OTH L	ANDSC	APE VALUES	.0	.0	. 1	
RP 2.09:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	. ι	
Bp 3.01:	CORN	-1	.0	.0	.0	.1	1.6	
8P 3.02:	GEFIA 308CHOS	.0	.0	.0	-0	.0	. 4	
RP 3.03:	WHEAT	.0	.0	.0	.0	٠0	. 5	
RP 3.04:	SHALL GRAINS OTHER TRAN WHEA		.0	.0	.0	.1	. 6	
BP 3.06:	SOYBELVS	.0	.0	.0	.0	.0	8.9	
RP 3.07:	PFAROTS	.0	.0	.0	.0	.0	5.8	
RP 3.09:	FORAGE, BANGE, & PASTORE	.1	.0	.0	.0	,1	9.3	
BP 3,10:	COLLON	2.2	.0	-0	.0	2.2	4.3	
RP 3.13:	PROIT	.0	.0	.0	.0	.0	5.8	
BP 3.14:	VEGETABLE CROPS	.0	.0	.0	.0		7.5	,
BP 3.15:	PLANTS TO BRUANCE THE SHYIRO		.0	.0	.0	.0	4.4	•
EP 4.01:	688 <i>2</i>	1.9	.0				14.2	
BP 4.02:	DAIRT		.0	.0	.0	1.9		
BP 4.03:	POULTRY	1.4		.0	-0	1.4	5.9	_
RP 4.04:	SHRBP	.0	.0	-0	•0	.0	6.6	1
RP 9.05:	SPINB	,1	.0	-0	-0	.1	.0	_
&P 4.06:	OTHER ABINALS (BORSES, GOATS				.0	.0	5. 2	2
BP 4.07:	AQUATIC POOD & PERDSTUPPS	.0	.0	-0	.0	.0	. 2	
RP 5.01:	POOD & HUTSITION	.0	.0	•0	-0	-0	16.4	
RP 5.02:	POOD SAPRTT	-0	-0	-0	.0	-8	1.1	1
	RUBAL DEFELOPMENT & QUALITY	.0 OP PAHILY			-0	.0	1.3	
	PESEARCH ON ADMINISTRATION O	•0	٠.0	.0	.0	.0	4.7	
	JUSTERT, PRICES 6 IN	-0	•0	-0	.0	•0	.0	
	essenant cordon a ru	1.1	•0	-0	•0	1.1	1.9	

TABLE T-8 STATE SUMBARY OF SCIENTIST-YRAPS FOR PY 1977

(5818751)

BBSEARCH PROGRAM SUMMARY

		ARS	ERS	PCS/SRS	PS	OSDA Total	SARS	ALABAMA Tüskegeb	NOBWI TTTBT
BP 6.03;	HARRSTING & COMPRETITION	.0	.0	- 0	•0	.0	2.8	.0	
9P 7.01z	GENERAL RESOURCE OR TECH	HOLOGY 3.7	-0	.0	.0	3.7	8.5	1.4	
BP 9.01:	QECLASSIPIED	.0	.0	.0	.0	.0	9.6	.0	
GETNO 101	PAL	20.6	.0	.0	4.3	24.9	155.6	9.6	6.

BESELECE PROGRES SONNERT

BESETECS	PROGRAS SUBSERI							
		ARS	888	PCS/SRS	70	USDA TOTAL	SAES	OTH COOP
BP 1.01:	SOIL & LAND USE	.0	1.0	.0	•0	1.0	4.7	. 3
RP 1.02:	WATER & WATERSHEDS	-0	.0	.0	.0	.0	1.7	.0
BP 1.03;	BECREATION	-0	-0	.0	-0	.0	. 1	•0
BP 1.04:	SMAIRORMERATIT GOTFILL	-0	.0	. 0	.0	-0	4.7	. 1
RP 1.05;	WEATERS MODIFICATION FOR AGE	.O	6 PORE	STBY .0	.0	.0	.0	.0
BP 1.06:	SISH & MITOTIAS	.0	.0	-0	•0	.0	.0	.0
3P 2.01:	INVESTORY & APPRAISAL OF POS	BST BESO	DRC85	.0	.0	.0	.1	.0
BP 2.02:	TIRBER HIFAGENERT	.0	.0	.0	1.0	1.8	1.0	.0
BP 2.03:	PCREST PROTECTION	-0	.0	.0	.0	.0	3.8	.0
87 2.091	BIBSESTING DEOCESSING & WYBS	.0 ETING OF	POREST .0	.0 .00 .00 .00 .00 .00 .00 .00 .00 .00	.0	.0	.3	.0
BP 2.05:	POREST WATERSHEDS, SOILS, PO	.O	.0	.0	1.2	1.2	.4	.0
8P 2.06:	POREST RANGE WILDLIPE & PISH	.0 0	BITAT D	EVELOPMENT .0	-0	.0	. 5	•0
BP 2.07:	FOREST RECREATION & ARSTHETI	.0 6 078	LANDSC	APE VALUES	-0	.0	. 1	.0
BP 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.0
PP 3.01:	COBA	.0	. 0	.0	.0	-0	.7	.0
SP 3.02:	GRAIN SORGEUS	.0	.0	. 0	.0	-0	.7	.0
BP 3.03;	FERAT	.0	.0	-0	.0	.0	1.2	.6
RP 3.04;	SMALL GRAIDS OTHER TRANS WHEA	. 0	.0	.0	.0	.0	1. 2	.0
BP 3.05:	PICE	2.0	.0	.0	.0	2-0	4.9	.0
89 3.06;	SOYOBANS	.0	.0	.0	.0	٠0	10.4	1.9
ap 3.09:	FORAGE, BANGE, & PASTORE	.0	.0	-0	-0	-0	2. 4	-0
RP 3.10:	COTTON	.0	. 0	.0	-0	.0	8. 2	.8
RP 3.12s	MEN CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	. 1	•0
BP 3.13:	PROIT	.0	.0	.0	-0	.0	4.2	.0
BP 3.14;	VECETABLE CEOPS	.0	.0	.0	.0	.0	7.0	. 4
RP 3.15:	PLANTS TO BHUANCE THE SHVIRO	ТКВНТ 0.	.0	-0	.0	. a	2.0	.0
RP 4.01:	BBP	.0	.0	.0	٠0	.0	4.0	.0
ap 4.02:	DAIRY	.0	.0	.0	-0	.0	4.5	•0
RP 4.03;	POOLTRY	.0	.0	.0	.0	-0	6.4	1.0
80 4.0q;	84889	.0	.0	.0	.0	.0	1.3	.0
BP 4.05:	SVIVE	.0	.0	.0	.0	.0	1.6	.0
ap 4.06:	OTERR ANIBALS (BORSES, COATS	. PRTS.	LABOBAT	OBY, BYC.)	.0	.0	1.0	-0
BP 4.071	AQUATIC POOD 8 PERDSTURES	.0	.0	.0	-0	•0	. 2	.9
BP 5.01:	POOD 8 NUTRITION	.0	.0	.0	.0	-0	2. 1	.0
RP 5.03:	ROBAL DRABFOLHERA & CONTILLA	OP FAMIL	T LIVI	.0	.0	.0	4.0	2.4
BP 5.04:	INSECTS APPECTING HAW 6 HIS	BBLONGIN		.0	.0	.0	1.0	.0

TABLE Y-S STATE SUBBARY OF SCIENTIST-TRANS FOR PT 1977

(PRINABT)

RESEARCH PROGRAM SOMMART

	129	188	PC8/S25	75	TOTAL	SAES	OTH COOP INSTS	P
BP 6.01:	PARM ADJUSTMENT, PRICES & INCOME	-0	.0	.0	.0	1-9	.0	
RP 6.02:	FORBIGN AGRICULTURAL TRADE & BCOVOR	TC DEVE	LOPHENT _0	.0	.0	.2	-0	
BP 6.03:	HIRRSTING & COMPSTITION .0	1.1	.0	.0	1.1	4.3	.1	
2P 7.01:	GREERL BESOURCE OF TECHNOLOGY	.0	-0	.0	.0	4.3	.0	
	2.0	2.1		3.0	7.1	97.0	а. э	

RESEARCE PROGRAM SOMMARY

RESEARCE	PROGERN SOMMEY							
		ars	785	PCS/SRS	75	USD1 TOTAL	5188	OTE COOS 18575
BP 1.01:	SOIL 6 LAND OSE	•9	.0	-0	.0	.9	19.3	1.1
BP 1.02:	WATER & WATERSUEDS	3.2	_0	.0	.0	3. 2	8.8	.0
BP 1.03:	BECESTION	•0	.0	.0	.0	.0	•2	.0
RP 1.04:	BRAIRCBREBLTT GOFFILA	3.2	•0	-0	.0	3.2	18.1	5. 1
BP 1.05:	SEATERE SODIFICATION FOR AG	.0	088 8 PORI	.0	-0	.0	.3	.0
BP 1.06:	PISA & WILDLIPE	.0	.0	•0	.0	.0	3.1	-1
RP 1.07:	BENOTE SENSING	.0	.0	•0	.0	.0	.0	.0
BP 2.01:	INTENTORY & APPRAISAL OF PO	DEST R	BSOURCES .O	-0	.0	•0	.1	.0
RP 2.02:	TERREDIER RESET	.0	•0	.0	9.7	9.7	4-0	.0
RP 2.03:	FOREST PROTECTION	.0	.0	.0	3.9	3.9	4.2	.0
RP 2.04:	HARTESTING PROCESSING 5 HAS	- Q	OF FORES	PRODUCTS	.0	.0	1.3	.0
BP 2.05:	FOREST WATERSHEDS, SOILS, E	0.	.0	.0	.8	.8	1.6	.0
RP 2.06:	POREST BANGE WILDLIPS & PIS	HERIES . O	BABITAT I	DEVELOPERNT	.0	.0	1.6	.0
89 2.08;	FILEBRANCE GERS ON LAND	.0	-0	-0	.6	.6	1.1	
BP 2.09:	TECHIFICAL ASSISTANCE	.0	.0	.0	.0	.0	.4	.0
RP 3.01:	COSS	2.2	.0	.0	.0	2.2	5.7	.0
BP 3.02:	GRAIN SORGHUM	. 6	.0	.0	.0	. 6	1.0	.0
BP 3.03:	HOELT	1.2	.0	.0	-0	1.2	.6	• 0
BP 3.04:	SHALL GRAIDS OTHER THAN PRE		.0	.0	.0	.7	1.3	.0
RP 3.05:	BICB	.4	.0	.0	.0	.4	.0	.0
BP 3.06:	SOYBBLWS	1.5	.0	.0	.0	1.5	8.4	.0
BP 3.07:	PELWOTS	.5	.0	-0	.0	.5	6.6	2.0
RP 3.08;	SUGAR	5.3	.0	.0	.0	5.3	1.0	.0
BP 3.09:	FORAGE, RANGE, & PASTURE	1.5	.0	.0	.0	1.5	25. 2	.0
BP 3.10:	COTTOR	.0	.0	-0	.0	.0	.2	.0
RP 3.11;	TOBACCO	.4	•0	.0	.0	.4	2.6	
RP 3.12:	MED CHOPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.5	
BP 3.13:		41.6	.0	.0	.0	41.6	61.1	.0
BP 3.141	TEGETABLE CROPS	3.1	.0	.0		3.1	50.3	.0
BP 3.15:	PLANTS TO BRHANCH THE BUYIN				-0			
BP 3.16:	BEES & OTHER POLLIMATING IN	SBCTS		.0	.0	1.9	29. t 1. 2	.0
BP 4.01:	BHEP	. 0	.0	.0	.0	.0		
BP 4.021	DATET	1.1	.0	.0	.0	1.1	20.5	.9
BP 4.034	POULTRY	.1	•0	.0	.0	.7	10. 1	٠.
BP 4.04;	SHBEP	.1	•0	•0	.0	•1		-0
2P 4.05:		.2	•0	•0	.0	•2	1.4	-0
		.0	.0	.0	.0	.0	4.1	.0

		125	BRS	PCS/SBS	PS	USPA TOTAL	Sabs	OTH COOP 1857S	FORESTRY SCHOOLS
? 4. 06:	OTHER AWINALS (HOBSES,	GOATS, PETS,	LABORATO	RY, BYC.)	-0	.0	5.8	.0	.0
? 4.07:	AQUATIC POOD 6 PEEDSTUP	PS .0	.0	.0	-0	.0	3. 1	.7	•0
P 5.01:	WOITISTUR & GOOF	.0	.0	.0	.0	-0	4.3	2.8	-0
r 5.02:	POOD SAPETY	-0	-0	.0	.0	.0	4.7	.0	-0
5.03:	BORAL DEVELOPMENT 6 QUA	LITY OF PARI	TI TIAIRE	.0	•0	.0	8.7	.8	-0
7 5.04:	INSECTS APPROTING NAM 6	BIS BELONGE 17.9	.O	.0	.0	17.9	.0	.0	.0
2 6. 01:	PARE ADJUSTMENT, PRICES	S INCOME 0.	.0	•0	.0	.0	7.5	-0	•0
p 6.02:	PORBIGN AGRICULTURAL TR	ADR 6 ECONO! 2.7	.0	PHENT . 0	.0	2.7	• 5	.0	.0

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5.3 2.0 .0 .0 7.3 7.4 .0

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BLB Y-B STATE SUBBARY OF SCIENTIST-1848S FOR FY 1977

SSEARCH PROGRAM SUMBARY

p 6.03: HARKSTING & COMPETITION

9.01: DMCLASSIPIBD

BAND TOTAL

7.01: GENERAL RESOURCE OR TECHNOLOGY 18.4

BTO

RESELECE PROGRAM SUMBLEY

RESELECT	PROGRAM SUMMARY						
		ans	888	PC\$/589	23	TOTAL	SABS
RP 1.01:	SOIL & LAND DSB	2.8	-0	.0	-0	2.8	6.0
BP 1-02:	WATER & SATERSHEDS	8.3	•0	.0	.0	8.3	1,3
BP 1.03:	BECHBATION	٠.٥	.0	.0	.0	.0	.0
BP 1.04:	BHTIBONNESTAL QUALITY	8.7	1.0	.0	.0	9.7	4.5
BP 1.05:	SEATHER MODIFICATION FOR A	.0 GBICULT	-0	STRT .0	.0	.0	. 2
89 2.02;	TIBBER MANGEMBET	-0	-0	•0	2.0	2.0	8.4
BB 5'03:	POREST PROTECTION	.0	-0	.0	26.8	26.8	4.8
8P 2,04:	HARPESTING PROCESSING & 84	PRETING • 0	OF FOREST	PRODUCTS	16.0	16.0	7.7
8P 2.05:	POREST WATERSHEPS, SOILS,	.0 .0	- 0	-0	3.3	3.3	1.2
BP 2.06:	POREST BANGE WILDLIPE & PI	SERRIES .O	HABITAT C	THEE COLUMNS O	.0	.0	1.6
RP 2.07:	PORBST RECEENTION & AESTER	tics & d	TH LANDSO	APE VALOES	.0	.0	. 3
MP 3.01:	COBM	9.5	.0	•0	.0	9.5	3.9
BP 3.02:	GRAIN SORGHUM	2.2	.0	.0	.0	2.2	2.2
9P 3.03t	ABST	3.3	.0	.0	.0	3.3	1-1
RP 3.04:	SHALL GRAIPS OTHER TRAB UD	TAR	.0	.0	.0	. 4	2.7
EP 3.05:	BICB	. 9	.0	.0	.0	.9	-0
R9 3.06:	SOTERANS	2.8	.0	.0	-0	2.8	8. 6
BP 3.07:	PRANUTS	9.9	.0	.0	.0	9.9	6.7
ap 3.09:	PORICE, BINGE, & PASTORS	13.7	.0	.0	-0	13.7	8.9
RP 3.10:	COTTOR	2.5	.0	•0	.0	2.5	3.7
RP 3-11:	TOBACCO	13.1	.0	.0	.0	13. 1	2.7
RP 3.12:	NEW CHOPS & HINOR OILSEEDS	5.3	.0	.0	.0	5.3	.4
8P 3.13:	PROIT	22.3	.0	.0	.0	22.3	14.4
2P 3.14:	VEGRTABLE CROPS	9.5	.0	.0	.0	9.5	14.8
8P 3.15:	PLANTS TO BYHANCE THE BLVI		.0	.0	.0	1.7	7.8
BP 3.16:	BEBS & OTRES POLLIFATING I		.0	.0	.0	.0	
BP 4.01:	BEEP	1.2					.1
RP 4.02:	DAIRT		.0	.0	.0	1.2	11.2
29 4.03;	POULTRY	.,9	.0	•0	.0	.9	7.4
EP 4.04:	SHREP	14.6	-0	.0	-0	14.6	10.3
RP 4.05:	SWINE	1.4	.0	.0	.0	1.4	.3
BP 4.06;	OTHER ANIMALS (HORSES, GOA	6.5 TS, PBTS			.0	6.5	7.3
BP 4.07;	AQUATIC FOOD & PERDSTUPPS	.7	.0	.0	.0	.7	1. 1
RP 5.01:	FOOD & HUTBITION	•0	-0	.0	.0	•0	3.6
BP 5.02:	FOOD SAFETY	2. 1	-0	.0	.0	2.1	3.4
	BURAL DEVELOPMENT & QUALIT	14.6 1 OP PAS			.0	14.6	4.0
		2.1	1.0	.0	.0	3.1	4.2

	ARS	BBS	PCS/SRS	75	USDA TOTAL	SABS	OTH COOP INSTS	SCHOOLS
SECTS APPROTING MAN 6 HIS	BELONG							
	. 1	-0	.0	.0	-1	-0	.0	.0
ARM ADJUSTMENT, PRICES 5 IN	CONB							
	.0	- 1	.0	.0	-1	2.8	4.8	_0
OPRIOR AGRICUITURAL TRADE 6	RCONO	IC ORFRI	OPHRET					
0.0.0	.0	.0	.0	.0	.0	. 6	.0	.0
ARERTING & COMPRETITION								
	8.7	4.6	.0	-0	13.5	7.7	.0	-0
PERRIT RESOURCE OF TRUBBLE	3G¥							
		.0	.0	.0	12.2	7.3	.9	.0
18	31.9	6.9	.0	98.0	236.8	187.5	16.4	.0
1	ARM ADJUSTMENT, PRICES 5 IN DESIGN AGRICULTURAL TRADE 6 REXETING & COMPRITION ENERAL BESOURCE OR TECHNOLOGY	.1 REM ADJUSTMENT, PRICES 6 INCOME .0 DESIGN AGRICULTURAL TEADS 6 ECONOM .0 REXETING & COMPETITION	REM ADJUSTMENT, PRICES 5 INCOME .0 .1 DESIGN AGRICULTURAL TRADE 8 ECONOMIC DEVEL .0 .0 REXETING 5 COMPETITION 8.7 4.6 ENABAL BESOURCE OB TECHNOLOGI 12.2 .0	.1 .0 .0 ARM ADJUSTMENT, PRICES & INCOME .0 .1 .0 DESIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT .0 .0 .0 REXETING & COMPETITION 8.7 4.6 .0 ENERAL BESOURCE OR TECHNOLOGY 12.2 .0 .0	.? .0 .0 .0 ARH ADJUSTHENT, PRICES 5 INCOME .0 .1 .0 .0 DESIGN AGRICULTURAL TRADE 8 RCONONIC DEVELOPMENT .0 .0 .0 .0 DEXITING 8 COMPETITION 8.7 4.6 .0 .0 ENERAL BESOURCE OR TECHNOLOGY 12.2 .0 .0 .0	.1 .0 .0 .0 .1 ARH ADJUSTHENT, PRICES 6 INCOME	.1 .0 .0 .0 .1 .0 REH ADJUSTHENT, PRICES 5 INCOME .0 .1 .0 .0 .1 2.8 DESIGN AGRICULTURAL TRADE & ROOMONIC DEVELOPMENT .0 .0 .0 .0 .0 .8 REXETING & COMPETITION 8.7 4.8 .0 .0 13.5 7.7 ENERAL BESOURCE OR TECHNOLOGY 12.2 .0 .0 .0 12.2 7.3	.1 .0 .0 .0 .1 .0 .0 ARH ADJUSTHENT, PRICES 6 INCOME

(1818181)

BBC

GBC

BLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR PY 1977

SEARCH PROGRAM SOMMARY

	-B STATE SUBBLET OF PROCEEN SUBBLET	SCIENTIST-	Kelbs for	PT 1977		(1	RIMARY	
2004222		185	BRS	PCS/SBS	PS	USDA TOTAL	SABS	078
RP 1.01:	SOIL & LAWD USE	.0	.0	-0	•0	.0	2.4	
BP 1.02:	WATES & WATERSHEDS	.0	-0	-0	.0	.0	. 0	
BP 1.09:	ERPIRORGENTAL QUALITY	.0	.0	-0	-0	.0	1. 3	
BP 2.02:	TIMBE MANAGEMENT	.0	.0	.0	.0	.0	1. 3	
BP 2-03:	PORBST PROTECTION	.0	.0	.0	.0	-0	1.9	
89 2.04;	BARVESTING PROCESSING 6	NARKBTING O	OP POREST	PRODUCTS .0	.0	-0	1.7	
₽₽ 2.05;	POREST WATERSHEDS, SOILS	. POLLUTIO	.0	-0	13.0	13.0	2. 1	
8P 2.06:	POREST RENGE WILDLIFE C	.O	o tatioan O.	**************************************	.0	•0	• A	
8P 2.07:	POREST RECERRITION & ARST	BRTICS & O	TH LANDSC	APE VALUES	-0	.0	.7	
BP 3.01;	CORN	.0	•0	•0	.0	.0	2. 4	
RP 3.03;	PREAT	.0	.0	.0	.0	.0	. 1	
gP 3.04;	SHALL GRAIRS OTHER THAN	TABBY 0.	.0	-0	.0	•0	. 5	
RP 3.06;	SOTURANS	.0	.0	-0	-0	.0	5.9	
gp 3.09:	PORAGE, RANGE, & PASTURE	1.8	.0	.0	.0	1.6	7.1	
BP 3.11:	TOBACCO							

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RP 4.06: OTHER ANIMALS (BOBSES, GOATS, PETS, LABORATORY, BTC.)

RP 5.03: RUBAL DEVELOPMENT & QUALITY OF PARILY LIVING .0 1.0

EF 5.05; BESEARCH ON ADMINISTRATION OF ABSEARCH

RP 6.01: PARK ADJUSTMENT, PRICES & INCOME

11. ADMINIST BESOURCE OF TECHNOLOGY .2

.03: BARRETING & COMPETITION

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BP 3. 12: NEW CROPS & MINOR OILSEEDS

RP 3.15; PLANTS TO SWEANCE THE BUTIRON BEST .2

BP 3. 13: PROIT

RP 4.01: BBBP

SP 4.02: DAIRT

RP 4.03: POULTRY

89 4.04: SHEEP

RP 4.05: SWINE

RP 5.01: POOD 6 MUTRITION

RP 5.02: FOOD SAPETY

BP 3.14: VEGETABLE CROPS

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BARCH PROGRAM SUMMART

1.02: WATER & WATERSUEDS

1.04: BHVIRONBBWTAL QUALITY

2.01: INVENTORY 6 APPRAISAL OF FOREST RESOURCES

1.06: FISH & WILDLIFE

2.02: TIBBES BARAGEBERT

POREST PROTECTION

2.08: ALTERNATE USBS OF LAND

3.04: SHALL GRAIDS OTHER THAN WHEAT 2.6

3.09: FORAGE, BANGE, & PASTURE

3.12: NEW CROPS & STROR OILSERDS

3.15: PLANTS TO RUBANCE THE SEVINORUBBY

3.16: BRES & OTHER POLLINATING INSECTS

4.07: AQUATIC FOOD & PERDSTOFFS

5.01: FOOD & MUTBITION

2.03:

3.01: CORN

3.03: BERAT

3-05: SICE

3.06: SOTERANS

3.07: PERWOTS

3.08: SUGAR

3.10: COTTON

3.11: TOBACCO

3.13: PRUIT

4.01: BBEF

4.02: DAIRY

4.03: POULTRY

4.04: SUEEP

4.05: SVINE

3.14: FRORTABLE CROPS

3.02: GRAIN SORGHON

1.03: BECREATION

STATE SURBARY OF SCIENTIST-TRADS FOR PT 1977

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4-06: OTHER ANIMALS (HORSES, GOATS, PRIS, LABORATORY, BIC.)

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2.04: BARVESTING PROCESSING 6 MARKETING OF FOREST PRODUCTS

2.06: FOREST BANGE WILDLIPE & PISHERIES HABITAT DEVELOPMENT

2.07; POREST RECREATION 6 RESTRETICS 5 OTH LANDSCAPE VALUES .0 .0 .0

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BESEARCH PROGRAM SUMMARY

		ABS	BRS	PCS/SBS	PS	USDA TOTAL	SIBS	098 CO
BP 5.02:	FOOD SAFETY	6.8	.0	.0	.0	6.8	1.4	
BP 5.03;	BURBL DEVELOPMENT & QUALITY	OF PANS 3.8	LT LITIN	G _0	-0	3.8	7.2	
BP 5.09:	INSECTS APPECTING HAN & BIS	BELONG:	NGS .O	.0	-0	1.0	- 5	
BP 5.05:	RESEABCH ON ADMINISTRATION (P RESEL	BCB .O	-0	• 0	-0	2.3	
RP 6.01:	PARS ADJUSTMENT, PRICES & IN	.0	.0	.0	.0	.0	3.3	
BP 6.02:	PORBIGE AGRICULTURAL TRADE &	3.9	IC DEVEL	THEESO	.0	3.9	.5	
BP 6.03:	HARRETING & COMPRETITION	.0	3.8	.0	.0	3.8	7- 1	
RP 7.01:	GENERAL RESOURCE OR TECHNOLO	G Y 1.5	.0	.0	.0	1.5	5.2	
GRAND TOT	AL 17	19.7	3.0	.0	36.7	220.2	209.4	7

ESBARCH	PROGRAM SOUMARY			
		185	BRS	PCS/SBS
1.01:	SOIL & LAND USE	1.3	-0	.0
9 1.02;	NATER & WATERSHEDS	19.5	.0	.0
P 1.03:	BECREATION	-0	.0	.0
P 1.09:	BRAIBONNERLY ONTLILA			

ABLE V-B

P 1.06:

PISH & WILDLIPE

P 2.02: TIMBER HANAGEMENT

P 2.03: FORBST PROTECTION

P 2.08: ALTERNATE USES OF LAND

P 3.04: SHALL GRAINS OTHER THAN WEBAT

FORAGE, BANGE, 6 PASTURE

P 3.15: PLANTS TO BUHANCE THE ENVIRONMENT

P 3.12: WEW CROPS & MINOR OILSHEDS

P 4.07: 1001TIC POOD B PERDSTOFFS

P 5-01: POOD & BUTBITION

P 5.02: POOD SAFETY

P 3.01: CORB

P 3.03: 08EAT

P 3.05: BICE

P 3.06: SOTBEAMS

P 3.07: PERMUTS

P 3.08: 300AR

P 3.10: COTTON

P 3.11: TOBACCO

P 3.13: PBUIT

P 4.01: BERY

P 4.02: DAIRY

P 4.03; POULTRY

P 4.04: SABBP

P 4.05: SWIME

P 3.14: VEGETABLE CROPS

P 3.09;

P 3.02: GRAIN SORGEOM

P 2.01: INVENTORS & APPRAISAL OF FOREST RESOURCES

P 2.05: FOREST WATERSHEDS, SOILS, POLLUTION

P 2.04: BABYESTING PROCESSING & MARKETING OF POSEST PRODUCTS

P 2.06: POREST BANGE WILDLIPE & PISHERIES HABITAT DEVELOPMENT

STATE SUMBARY OF SCIENTIST-YEARS FOR PY 1977

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P 4-06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)

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		1RS	BBS	PCS/589	rs	gedt Loly	Sabs	02
RP 5.03: BORL	L DBYBLOPHENT 6 QUALITY	OP PANILY	LITIN 1.0	G •0	-0	1.0	5.0	
BP 5.04: INSE	CTS APPECTIVE MAN & HIS	BBLOWGINGS 2.0	.0	•0	•0	2.0	.0	
SP 6.01: PARK	ADJOSTNEMT, PRICES 6 IN	.0	.0	-0	.0	.0	1.5	
BP 6.02: FORB	igs agricultural traos e	aconomic	DBVEL	OPHBNT O.	.0	.0	-0	
BP 6.03: MARK	BILING & COMPRISSION	.0	3. 1	.0	.0	3.1	2.7	
RP 7.01: GENE	BAL BESOURCE OF TECHNOLO	8.1	-0	.0	.0	8.1	2.8	
B6 9.01: ONCL	ASSIPIED	.0	-0	.0	-9	.0	-0	
GRAND TOTAL	11	19.3	6.1	-0	37.5	162.9	147.9	

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RSTARCE	PROGRAM SUMMERY								жов,
		ARS	BRS	FCS/SBS	PS	OSDA TOTAL	SABS	OTE COOP	POSESTRE 6
1,01:	SOIL & LAND OSE	.0	.0	.0	.0	.0	4.5	.0	.0
P 1.02;	PATER & PATERSHEDS	.0	.0	.0	-0	.0	2.4	.0	.0
P 1.03:	BECESATION	.0	.0	.0	.0	-0	.3	.6	.0
P 1.04:	EHTICOMBESTAL QUALITY	5.0	.0	.0	.0	5.0	9.0	2.5	.0
P 1.05:	SEATURE MODIFICATION FOR AGE	.O	TURE & POB	BSTRY .0	.0	.0	. 2	•0	.0
P 1.06:	PISH & WILDLIPB	.0	.0	.0	.0	.0	1. 1	.1	.0
2.01:	INVESTORY & APPRAISAL OF FOR			.0	9.0	9.0	.7	.0	.0
2.02:	TINBER MANAGEMENT	.0	.0	.0	10.3	10,,3	6.9	.0	.0
2.03:	FOREST PROTECTION	.0	.0	.0	11.0	11.0	3.4	.0	.0
2.04:	HARTESTING PROCESSING & MARK			•	.0	.0	5.4	.0	.0
2.05:	FOREST WATERSHEDS, SOILS, PO			.0	2.9	2,9		.0	
2.06:	PORRET BANGE WILDLIPE & PIRE	-				2.9	.0	•0	.0
		.0	•0	.0	1.0	1.0	- 3	• 0	-0
	POBEST RECREATION & ABSTRETT	.0	OTH LANDSO	APB VALUBS	.0	.0	-4	.0	-0
2.08:		.0	•0	•0	.0	.0	-0	.0	-0
3.01:		2.8	.0	-0	.0	2.8	6.6	.0	.0
3.021	GRAIN SORGHON	.0	.0	•0	.0	.0	-1	.0	.0
9 3.03;	HUBAT	.0	.0	-0	.0	.0	1-1	.0	-0
3.04:	SHALL GRAINS OTHER THAN NUBA	.0	.0	.0	.0	.0	. 9	.0	.0
3.06:	Soterans	4.6	.0	.0	.0	4.6	10. 1	.0	.0
3.07:		2. 1	.0	.0	.0	2.1	7-0	.0	.0
3.091	PORAGE, RANGE, & PASTUER	3.5	.0	.0	.0	3.5	2.5	.0	.0
3, 10;	COTTON	2.7	.0	.0	.0	2.7	3.7	.0	.0
J. 11:	TOBACCO	1.1	.0	.0	.0	11.1	22. 2	. 2	_0
3, 12;	BBW CROPS & BIROR OILSBBDS	-0	.0	.0	.0	.0	.3	.0	-0
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3.13: PROIT

4.05: SPINE

5.01: FOOD & BUTBITION

3.14: FEGETABLE CROPS

3.15: PLANTS TO EMHANCS THE ENVIRONMENT

4.07: AQUATIC FOOD 6 FEEDSTUFFS

STATE SUBBARY OF SCIENTIST-TRACE FOR PY 1977

3.16: SEES & OTHER POLLIMATING INSECTS .0 .0 .0 .3 .0 9.01: BBMF -0 .0 -0 .3 4.02: DAIRY .0 -0 .0 .2 4.03: PODLTET .0 .0 .0 -0 4.04: SHEEP

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4.06: OTHER ANIMALS (HORRES, GOATS, PETS, LABORATORY, ETC.)

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TABLE 7-8 STATE SUBBART OF SCIENTIST-YEARS FOR FY 1977

RESEASCH PROGRAM SUMMART

		1R5	8RS	FCS/SES	75	USDA TOTAL	SIBS
BP 5.02:	POOD SAPRTY	1.9	.0	-0	.0	1.9	2.8
RP 5.03:	BORAL DEFELOPMENT & QUALITY	OP FAR	. t	G -0	.0	.1	9.0
BP 5.04;	INSECTS APPROTING MAN 6 HIS	BELONG .O	it #GS . 0	-0	.0	.0	.6
BP 5.05:	ERSEARCE ON ADMINISTRATION	OP RESI	.0	.0	-0	.0	. 2
RP 6.01:	PARK ADJOSTMENT, PRICES 6 1	.0 HCOHR	1.2	.0	.0	1.2	. 0
RP 6.02:	POSSION AGRICULTURAL TOADS	& BCONG	ONIC DEAST	.0	.0	.0	. 9
RP 6.03:	BARRETING & COMPRESSION	1.0	.0	.0	.0	1.0	3.2
RP 7.01:	GENERAL RESOURCE OR TECHNOL	.061 1-9	_ Q	-0	-0	1.9	21_9
GREND TOT	A.L.	41.0	1.3	-0	34.1	76.4	203.5

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BSBABCU	PROGRAM SUMMERY								
		185	285	PC3/3 23	PS	OSDA TOTAL	5185	OTH COOP	POBBST SCEGO
BP 1.01;	SOIL & LAND USB	.3	.0	.0	.0	.3	1.5	.0	
BP 1.02:	STER & WATERSHEDS	7.8	1,0	.0	.0	8.8	2.5	.0	
gp 1.03:	RECREATION	.0	.0	.0	.0	-0	.3	.2	
82 1.04:	BHAIBGRRBHATT GATTILL	6.6	-0	.0	.0	6-6	1.7	9. 1	
BP 1.06:	PISH & WILDLIPB	•0	.0	•0	.0	•0	• 6	.0	
gp 2.01:	INVENTORY & APPRAISAL OF	FOREST BES	SOURCES	.0	-0	•0	. 1	.0	
BP 2.02:	TIBBER HANAGEMENT	.0	.0	.0	.0	.0	2.6	.0	1
RP 2.03:	POREST PROTECTION	0	.0	.0	.0	.0	.6	.0	•
RP 2.04:	HARVESTING PROCESSING 6 H	MARKETING (op porksi	redoucts	.0	.0	1.2	.0	•
RP 2.06:	POBBST RANGE WILDLIPE & P	esinenaiq O.	NABITAT 0 O.	DBYBLOPMBW7 .0	.0	.0	-1	.0	
pp 3.01;	COBN	. 2	.0	-0	.0	.2	-4	.0	,
BP 3.02;	GRAIN SORGEUM	.7	-0	- 0	.0	-7	2. 1	.0	
EP 3.03;	WEST	4.0	. a	.0	.0	4.0	7. 3	.0	,
BP 3.04:	SMALL GRAINS OTHER TRAN W	9981T .5	.0	.0	.0	. 5	2. 1	. 3	1
RP 3.05:	AICE	.0	. 0	.0	.0	.0	. 0	.0	,
RP 3.06:	SOYBEANS	.0	.0	-0	-0	.0	.4	.0	,
BP 3.07:	PERSOTS	2.0	.0	.0	-0	2.0	2. 1	.0	,
RP 3.09:	FORAGE, RANGE, 5 PASTURE	3.1	.0	.0	.0	3.1	8-4	.0	
BP 3.10:	COTTON	• 0	.0	.0	.0	.0	4.6	5.2	
BP 3.12:	NEW CROPS & MINOR OILSEED	. o	-0	.0	.0	.0	-6	.0	,
EP 3.13:	PROIT	.0	.0	_0	.0	-0	2.5	.0	
RP J.14:	VEGETABLE CROPS	•0	.0	.0	.0	.0	. 9	.0	
BP 3.15;	PLINTS TO BRHINGE THE BHY	THEMMORIT 0.	-0	-0	.0	.0	3.2	.0	
8P 4.01:	BBBF	4.6	.0	• ?	-0	4.6	19.7	.0	
BP 4.02;	DAIRY	•0	.0	.0	.0	.0	4.0	.0	
BP 4.03;	POULTRY	•0	-0	.0	.0	.0	.8	.0	
89 4.04:	SHERP	•0	.0	.0	.0	.0	1, 5	•0	

.0 .0 -0 - 0 BP 5.03: BOBAL DEVELOPHENT & QUALITY OF PARILY LIVING .0 1.8 .0 1.8 4.1 .0 BP 5.04: INSECTS APPECTING NAM 6 HIS BELOWGINGS .0 .0 .0 .0 RF 5.05; RBSBARCH ON ADMINISTRATION OF RESERVECH .0 .0 RP 6.01: FARN ADJUSTERET, PRICES & INCOME .0 4.1

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RP 4.06: OTEER AWIHALS (HORSES, GOLTS, PETS, LABORATORY, ETC.)

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BP 4.05: SEIMB

BP 5.01: POOD & MOTRITION

BP 5.02: POOD SAPRTY

FOREIGH AGRICULTURAL TRADE & SCOSONIC DEFELOPMENT .0 .0 .0

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77

TABLE 1-B STATE SCHEARY OF S	CIB W3I5 7-1	12722 101	PE 1977		(2	RINARTI
EZSELECH PROGRES SONNERT						
	125	125	PCS/885	PS	uspl Total	2752
EG 6.03: SPEKELIEC & CORSELLION	.0	.0	.0	.0	.0	4.9

	125	185	PCS/5 R S	?s	TOTAL	5185
RP 6.03:	SERVETING & CONFESTITION .0	.0	.0	.0	.0	4.9
SP 7.01:	OSHERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	10.9
RP 9.01:	UBCLASSIPIED .0	-0	.0	.0	-0	.0
GRAND TOT	PAL 29.8	6.9	.0	.0	36.7	99.6

						•			
BSBARCII	PROGRAM SUMMARY								\$0
		ARS	225	PCS/SRS	PS	USDA Total	3782	OTH COOP	PORBSTRY SCHOOLS
P 1.01:	SOIL & LAWO USE	2.3	.0	. 0	.0	2.3	2.4	.6	.0
P 1.02:	WATER & WATERSHEDS	1.3	.0	.0	.0	1.3	.9	.0	.0
P 1.04:	BRAIBORHERIFF Gurrill	٠0	.0	.0	.0	.0	3.6	1.2	.0
P 1.05:	WEATURE HODIFICATION FOR	GRICULTUR	B & FOB:	BSTRY .0	.0	.0	.2	.0	.0
P 1.06:	FISH & WILDLIPB	•0	.0	.0	.0	.0	1.0	.0	.0
P 2.01:	INTENTORY & APPRAISAL OF 1	OREST RES	ODRCES						
P 2.02:	TIBBRB MANAGEMBHT	.0	.0	.0	• 0	.0	.0	.0	- 6
P 2.03:	POREST PROTECTION	.0	-0	• 0	13.2	13.2	.0	.0	4.6
		•0	-0	-0	.0	.0	. 9	.0	. 9
2.04:	HABVESTING PROCESSING & MI	.D	P POBBS:	PRODUCTS	_0	.0	.0	.0	. 4
2.05:	POREST WATERSHEDS, SOILS,	POLLUTION - 0	-0	-0	.0	.0	. 0	.0	1.9
P 2.06:	FOREST RANGE WILDLIPE & P.	enerias e	ABITAT 1	TKSH90J8V8C	3.0	3.0	.0	.0	.9
P 2.07:	FOREST RECREATION & ABSTH	TICS & OT	H LABOS	APE VALOBS	1.0	1.0	.3	.0	.5
P 2.08:	ALTERNATE OSES OF LAND	.0	-0	.0	_0	.0	.0	.0	.0
P 3.01:	CORN	.0	-0	•0	_0	.0	3.6	.0	.0
P 3.02:	GRAIN SORGHOR								
P 3.03:	WHEAT	.0	• 0	•0	.0	.0	. 2	.0	.0
P 3.04;	SHALL CRAINS OTHER THAN WE	.0	•0	-0	-0	.0	. 5	.0	.0
		-0	-0	-0	.0	.0	. 5	.0	.0
P 3.06:	SOYBBANS	.6	•0	.0	.0	. 6	9.3	1.9	.0
P 3.07:	PEANUTS	.0	.0	.0	.0	.0	.6	.0	.0
P 3.09:	PORAGE, BANGE, & PASTURE	1.0	-0	.0	.0	1.0	6.1	.0	.0
P 3.10:	COTTON	13.2	-0	.0	.0	13.2	3.1	.0	.0
P 3.11:	TOBLCCO	-0	.0	.0	-0	.0	4.5	.0	-0
P 3.12;	MBW CROPS & BINOR OTLEBBDS		.0	.0	•0	.0	-1	.0	.0
P 3, 13:	PROIT	1-0	.0	.0	-0	1.0	10.2	.0	.0
P 3.14:	TEGETABLE CROPS								
P 3.15:	PLINTS TO ENGLICE THE BUY!	12.8 BONESST	.0	.0	-0	12.8	6.3	1.0	.0
9 4.01:	BER	.3	.0	.0	•0	-3	4.9	.0	.0
		-0	.0	.0	•0	•0	5.6	.0	.0
P 4.02:	DAIRY	.0	.0	.0	•0	-0	6.5	.0	.0

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P 0.06: OTHER ANIMALS (HOPSES, GOATS, PRIS, LABORATORY, RIC.)

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P 5.03: RURAL DEPENDENT & QUALITY OF PARILY LITTED 3.0 .9 .0

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(PRISABY)

FBIE A-B

P 4.03: POOLTRY

P 4.04: SHEEP

P 4.05: SWINE

P 4.07: ADDATIC POOD & PERDSTORPS

P 5.01; FOOD 6 BUTSITION

P 5.02: FOOD SAPETE

STATE SUMMARY OF SCIENTIST-TRADS FOR PT 1977

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RESELECE PROGRAM SOMMART

		125	283	PCS/SB5	P5	USDA TOTAL	SARS
BP 5.04:	INSECTS APPECTING NAM 6 6	,0	.0	.0	.0	.0	1.1
BP 6.01:	PARE ADJOSTHERT, PRICES &	INCORE 0	.0	.0	-0	.0	1.5
RP 6.03:	ALRESTING & COMPRESSION	.0	2.0	-0	.0	2.0	3.0
BP 7.01:	GENERAL BESOURCE OF TECHS	.0	-0	.0	.0	.0	3.1
£P 9.01:	DECLISSIPIED	.0	-0	.0	-0	.0	1.0
GRAND TOT	AL	35.5	2.9	.0	17.2	55.6	97.8

	-B STATE SUBBART OF SCIE	NTIST-TBA	RS POB	PY 1977		í	PRIBARY)		11 B
		ABS	BBS	PC9/SBS	PS	USDA TOTAL	SABS	OTH COOP INSTS	
1.01:	SOIL 6 LAND USB	-0	.0	•0	.0	.0	2.8	.0	.0
1.02;	WATER 6 WATERSHEDS	•0	٠.	.0	•0	-0	.6	.0	.0
1.04:	BRAIBONNEHATT GOTTIAL	.7	.0	.0	.0	.7	1.9	1,2	•0
1.05:	SEATHER HODIFICATION FOR AGE:		6 PORE						
1.06:	PISH & WILDLIPE	-	•0		•0	.0	. 3	.0	.0
2.01:	INVENTORY & APPRAISAL OF POSI			•0	.0	.0	. 5	.0	.0
2.02:	TIMBER MARAGEMENT	•0	•0	•0	•0	.0	1. 1	.0	.0
2.03:	POREST PROTECTION	-0	-0	-0	4.0	4.0	2.6	.0	.0
2.04:	HARVESTING PROCESSING 6 HARRI	-0 Sting of 1	.0 POREST	PRODUCTS	-0	-0	.4	.0	-0
2.05:	PORRST WATERSHEDS, SOILS, PO	• 0	.0	-0	- 0	.0	.5	_0	.0
	POREST RANGE WILDLIPE & PISH	.0	.0	-0	•0	•0	1.2	.0	.0
2.06:		-0	-0	.0	.0	.0	1. 1	.0	.0
2.07:	POREST BECREATION & ARSTHETIC	.0 .0	.0	APE VALUES	-0	-0	.6	.0	•0
2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	•0	.5	.0	.0
3.01:	COBR	-0	.0	.0	-0	-0	4,3	.0	•0
3.02:	GBAIN SOBGRUE	.0	• 0	.0	.0	-0	. 3	.0	.0
3.03:	NREAT	-0	.0	.0	-0	-0	.8	-0	.0
3.04:	SHALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	1.0	_0	.0
3.06:	SOYDEARS	1,3	.0	.0	.0	1.3	6.0	.0	-0
3.09:	PORAGE, RANGE, & PASTURE	.0	.0	.0	.0	-0	4.1	.0	.0
3.10:	COTTON	i.6	- 0	_0	.0	6.6	5.6	.0	.0
3.11:	TOBACCO	.0	.0	.0	.0	2.0	3.6	.0	.0
3. 12:	HEW CROPS 6 MINOR OILSEEDS	.0	.0	.0	.0	.0	•2	•0	.0
3.13:	FRUIT								
3.14;	PEGETABLE CROPS	.0	.0	.0	-0	-0	2.1	-0	.0
3.15:	PLANTS TO BUHANCE THE BUTIES	.O THENT	-0	.0	.0	.0	6.9	•0	.0
3. 16:	BRES & OTHER POLLIBATING IMSE	.0 ECTS	.0	.0	-0	.0	4.9	.4	.0
4-01:	BRRP	.0	. a	.0	.0	•0	.4	-0	•0
4.02:	1	.0	.0	.0	•0	1.0	10.2	• 5	.0
		. 2	-0	.0	.0	1, 2	8.0	•0	.0
		.0	.0	.0	.0	.0	2,7	. 8	.0
4.04;		.0	.0	.0	.0	.0	. 6	•0	.0
4.05:		.0	.0	.0	.0	•0	4.8	.0	-0
		PBT9, LI	.O	.0	•0	.0	. 2	-0	.0
		-0	.0	-0	.0	-0	.4	.0	.0
5.01;	FOOD & BUTBITION	.0	.0	.0	.0	.0	3. (.1	.0
5.02:	POOD SAPETI	.0	-0	.0	.0	. 0	.4	.1	.0
5.03:	RURAL DEVELOPMENT & QUALITY O	P PANILT	LITIE	.0	.0	4.0	6.0	2.9	.0
	•								

BESSIECE PROGREE SURBERT							
	188	ERS	PC\$/\$83	T B	OSDA Total	8133	OTE CO
BP 6-01: FARM ADDDSTMENT, PRI	CBS & INCOMB -0	- 0	.0	.0	•0	1.2	
BP 6.03: BARKETING & COMPSTIT	ror	- 0	.0	.0	.0	5.0	
ap 7.01s GBURRAL RESOURCE OR	TECHNOLOGI O	- 0	.0	.0	-0	2.4	
BP 9.01: QUCLASSIPIRD	•0	-0	.0	_0	.0	.0	
GRAND TOTAL	16.8	-0	.0	4_0	20-8	101.0	•

(SETHTEL)

TABLE T-8 STATE SOMBLET OF SCHEPTIST-TRANS FOR FT 1977

BESBIECH	PROGRAM SUMMEY								
		ABS	ers	PCS/SBS	Ps	USDA TOTAL	SABS	OTH COOP IESTS	Pobbs Scho
BP 1.012	SOLE & LAND USE	3.7	.0	.0	-0	3.7	9.9	.5	
BP 1.021	TATES & WATERSONDS	17-0	.0	.0	•0	17.0	9.2	.0	
RP 1.03:	BECEBATION	•0	-0	.0	-0	.0	3.0	.0	
RP 1.05:	EMAIBORREMATT VOUTTLA	.5	.0	-0	-0	.5	7.7	.5	
BP 1.05;	REATHER SODIFICATION POR	AGRICULTURE	6 FOB1	BSTRY _0	-0	. 4	.5	.0	
RP 1.06:	PISH & WILDLIPB	.0	.0	-0	-0	-0	6.0	.0	
BP 1.07:	BENOTE SEESIEG	3.5	.0	•0	•0	3.5	. 3	.0	
BP 2.01:	INVENTORY & APPRAISAL OP	FOREST RESO	ORCES	.0	•0	.0	.3	.0	
BP 2.02:	TIMBER BANAGEMENT	.0	.0	.0	.5	.5	2.0	.0	
BP 2.03:	POBEST PROTECTION	-0	.0	.0	-0	-0	2.6	.0	
BP 2.04:	HARVESTING PROCESSING & M	ABERTING OF	FOR 831	PRODUCTS	•0	.0	.0	.0	
RP 2.05:	POREST WATERSHEDS, SOILS,	MOITUION 0	.0	.0	-0	.0	.2	.0	
RP 2.06:	POREST SANGE WILDLIPE & P	ISRERIES HA	1 TAT18	AVELOPUENT .0	4.1	4.1	. 2	.0	
RP 2.07:	POREST RECREATION & ABSTR				.0	.0	.1	.0	
RP 2.08:	ALTERNATE USES OF LIND	.0	.0	.0	٠0	.0	.2	.0	
BP 3.01;	CORM	.2	.0	.0	•0	. 2	2.3	.0	
BP 3.02:	GRAIN SORGHUM	2.8	.0	.0	,0	2.8	10.3	.0	
BP 3.03:	WBBLT	-0	.0	-0	.0	-0	4.1	.0	
RP 3.04:	SHALL GRAIDS OTHER THAN W	TABE O.	.0	.0	.0	.0	2.9	.1	
BP 3.05:	BICB	4.0	.0	-0	-0	4.0	4.3	.0	
BP 3.06:	SOTBBANS	.3	.0	.0	.0	.3	3.0	.0	
BP 3.07:	PRANUTS	1.0	.0	•0	.0	1.0	6.9	.0	
BP 3.08:	SUGAR	1.7	.0	•0	.0	1.7	2.8	.0	
BP 3.09:	PORAGE, RANGE, & PASTURE	13.5	.0	•0	.0	13.5	21.1	.0	
BP 3.10:	COTTON	36.2	.0	•0	•0	36.2	19.7	.0	
RP 3.12:	MBN CROPS & MINOR OILSUED		.0	.0	.0	3.2	1.5	.0	
BP 3.13:	PROIT	10.7	-0	•0	.0	10.7	10.3		
RP 3.14:	Vacatible Crops	4.8	.0	•0	.0	4.8	16, 3	.5	
BP 3.15:	PLANTS TO ENGLICE THE BUT		.0	.0	.0	.2	5.0	.0	
RP 4.01:	8888	23.6	.0	.0	.0	23.6	18.2	.0	
BP 4.02;	DATRE	6.6	.0	.0	.0	8.6	3.7	.0	
BP 4.03:	POGLTEY	4.1	.0	•0	.0	4.1	9. 6	.0	
BP 4.04:	Serb	2.3	.0	.0	.0	2.3	3.5	.0	
BP 4.05:	Seine	2.3	-0	.0	.0	2.3	1.1	٠١	
RP 4.06:	OTHER AVIBALS (HORSES, GO	ATS, PETS, 1	LABORAT	ORT, RTC.)	.0	2.3	2.0	.0	
RP 4.07:	AQUATIC POOD & PREDSTUPPS	2.3	.0	•0	-0		3.4	.0	
		••	• •	• •	•4		3.4	••	
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BESBARCS PROGRES SONSEST

		195	195	PCS/S 85	78	USD1 Total	Sabs
BP 5.01:	POOD & MUTRITION	.0	.0	.0	0	.0	3.7
BP 5.02:	POOD SIPETY	6.8	- 0	.0	•0	6.8	.7
RP 5.03:	BUBAL DEVELOPMENT & Qu	O PERSON OF SERVICE	ILY LIVIY	•0	_0	-0	6.0
RP 5.04:	INSECTS APPROTING HAS	6 BIS BBLOWG	INGS . O	-0	.0	.2	. 8
BP 6.01:	PARE ADJUSTMENT, PRICE	s & I#COME .0	1. 2	.0	.0	1.2	3.1
BP 6.02:	PORRIGE AGRICULTURAL	RADE & ECOPO	O DEVE	THEMPO.	.0	. 4	-4
EP 6.03:	BABRETING & COMPETITION	3.7	3.0	.0	.0	6.7	7.9
BP 7.01:	GENERAL BESCHECE OF T	SCEROLOGY 5.6	- 0	.0	.0	5.6	6.3
RP 9.01:	UNCLASSIPIED	.0	.0	.0	.0	.0	45.6
GRABD TOT	a L	163.5	4.2	.0	4.6	172.3	272.3

	-B STATE SUMMARY OF SC	:IBNTIST-YBA	B3 F01	R FY 1977		18	RIMARY)		A P
BESEARCH	PROGRAM SUNNART					USDA		OTH C00P	
BP 1.01;	SOIL & LAND USB	ARS	BBS	PCS/SBS	FS .	TOTAL	SABS	IBSTS	SC80015
ap 1.02;	WATED & WATBRANEDS	.4	.0	•0	.0	. 4	7.3	.0	.0
		•0	.0	.0	-0	.0	1.0	.0	.0
RP 1.03:	BECBEATION	•0	-0	•0	.0	.0	-1	.0	.0
RP 1.04:	ENVIRONMENTAL QUALITY	•0	.0	-0	.0	.0	4.0	.7	.0
RP 1.06:	PISH & WILDLIPB	-0	. 0	.0	.0	-0	• 5	.0	. 0
BP 1-07;	RESOTS SENSING	• 0	.0	.0	.0	.0	1.8	.0	.0
BP 2.02:	TIMBER MANAGEMENT	.0	.0	.0	.0	.0	3.6	.0	.0
BP 2.03:	POBBST PROTECTION	0	.0	.0	.0	.0	4.5	.0	.0
ap 2.04;	BARVESTING PROCESSING & MA	RESTING OF F	ORBSI	PRODUCTS	.0	-0	5.9	.0	.0
BP 2.06:	FOREST BANGE WILDLIPE & FI	SHERIES HADI	TAT C	TREMPOJEVEC	.0	-0	1.9	.0	.0
RP 2.07:	POBEST RECREATION & AUSTRE				.0	.0	1.0	.0	.0
8P 2.08;	ALTERNATE USES OF LAND	.0	.0	.0	.0	•0	.7	.0	.0
aP 2.09:	TECHINICAL ASSISTANCE								
RP 3.01;	COBN	-0	.0	•0	•0	-0	•0	.0	•0
SP 3.02:	GRAIR SORGEOR	•0	.0	.0	•0	-0	3.4	.0	-0
BP 3.03:	WRRAT	-0	.0	-0	•0	.0	• 1	.0	.0
RP 3.04:	SHALL GRAINS OTHER THAN WH	.0 RAT	.0	.0	.0	.0	1.2	.0	- 0
		.0	.0	.0	-0	•0	1, 1	.0	.0
BP 3.06:	SOYBRANS	.1	.0	-0	.0	-1	5.9	1.2	-0
RP 3.07:	PRANUTS	4.9	.0	-0	.0	4.9	2, 9	.3	- 0
£P 3.09;	PORAGE, BANGE, 6 PASTORE	1.0	.0	.0	-0	1.0	7,6	.0	-0
RP 3.10:	COTTON	.0	.0	.0	-0	-0	- 3	•0	- 0
æp 3.11:	TOBACCO	2.5	.0	-0	•0	2.5	8.7	.0	.0
BP 3.13:	PROIT	.0	.0	.0	.0	-0	8.5	.0	.0
RP 3.14;	VEGETABLE CHOPS	.0	.0	.0	.0	•0	1.4	4.3	.0
BP 3.15:	PLANTS TO BURANCE THE BUYS	THERROR 0.	.0	.0	.0	-0	6. 2	.0	.0
RP 4-01:	BBEP	.0	.0	.0	.0	.0	9.6	.0	-0
AP 4.02;	DAIRT	.0	.0	.0	.0	-0	7.4	.0	.0
RP 4.03:	POULTRY	•0	.0	.0	.0	.0	9.4	1.0	. 0
RP 4.041	SHEEP								
BP 4.05:	SWINE	.0	.0	•0	.0	•0	1.7	.0	•0
RP 4.06:	OTHER ANIMALS (HORSES, GOA				.0	-0	5.1	.0	•0
BP 4-07:	AQUATIC FOOD 6 PERDSTUPPS	-0	-0	•0	.0	-0	1.4	.0	.0
	POOD & MOTRITION	.0	.0	•0	.0	-0	.5	.0	.0
	FOOD SAFETY	•0	.0	.0	.0	.0	6.0	2.0	- 0
	BUBAL DETRLOPHEST & QUALIT	.3	-0	-0	.0	- 3	2. 1	. •7	.0
	•	-0	- 4	•0	•0	. 4	7.1	1.5	• 0
Rh 2-04:	INSECTS AFFECTING MAN 6 HI	S BELONGINGS • 0	.0	•0	.0	-0	2.4	.0	-0

TABLE T-B STATE SUBBARY OF SCHOOLST-IBARS FOR FY 1977 RESERVE PROGREM SUBBLET

(PRIMARY)

		185	BRS	PC3/8B5	75	USDA TOTAL	SABS	018 1
RP 6.01:	PARE ADJOSTMENT, PRICES	O. INCOME	.0	.0	-0	-0	3. 1	
BP 6.02;	PORRIGE AGRICULTURAL TRA	DE & BCOROS	.O	.O	•0	.0	-0	
8P 6.03;	SARRTING & COMPRESSION	.0	1.0	.0	-0	1.0	4.2	
RP 7.01:	GEFERAL RESOURCE OF TECH	WOLOGY . 1	.0	.0	.0	.1	21.9	
BP 9.01:	ONCLASSIPIED	.0	. 0	.0	-0	.0	.7	
GRAND TOT	AL.	9.3	1.4	.0	.0	10.7	162.3	

RFS BABC H	PROGRAM	SUMBARY				
			ABS	285	PCS/SAS	
BP 1.01:	SOIL 6	LAND USE	4.3	.0	.0	

WEATHER HODIPICATION POR AGRICULTURE & PORESTRY

TABLE

BP 1.05:

RP 3.03:

RP 3.04:

RP 3.05:

BP 3.06:

RP 3.08:

RP 3.09:

BP 3.11:

RP 3. 121

BP 3.14:

RP 4.01:

BP 4.02:

8P 4.03;

RP 4.05:

RP 5.01:

RP 5-02:

ar 5.05:

RP 6-03:

RP 7.01:

GRAND TOTAL

RP 3.13: PRUIT

RP 3.01: CORN

7-B

BP 1.02: WATER & WATERSHEDS

BP 2.02: TIMBER MANAGEMENT

RP 3.02: GEATH SORGHUM

ang. T

RICE

SOTBBARS

TOBACCO

BEEP

DAIRT

PODLTRY

SWIME

VEGETABLE CROPS

POOD & MOTRITION

BP 6.01: PARM ADJUSTMENT, PRICES & INCOME

MARKETING & COMPETITION

RP 5.03: RURAL DEVELOPMENT 8 QUALITY OF FAMILY LIVING

GERESAL RESOURCE OR TECHNOLOGY

BESEARCE ON ADMINISTRATION OF BESEARCE

POOD SAPETY

SHALL GRAINS OTHER THAN WIRAT

PORAGE, RANGE, 6 PASTURE

MEN CROPS & MINOR OILSERDS

RP 3-15: PLANTS TO ENHANCE THE ENVIRONMENT

BP 1.04: BBVIRONABATAL QUALITY

STATE SUMMARY OF SCIENTIST-YEARS FOR PY 1977

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TABLE V-8 STATE SUBBARY OF SCIENTIST-YEARS FOR PT 1977

PESELECH PROGRAM SUMMERT

		ARS	BRS	PCS/SR5	Ys	USDA TOTAL	SARS	OTH C
RP 1.04:	BETIROBERATE COTTILL	.4	.0	.0	.0	. 4	.0	
3P 2.02:	TIMBES MANAGEMENT	• 0	.0	.0	.0	.0	• 0	
BP 3.02:	CRIIN SONGROK	. 0	.0	.0	.0	.0	. 4	
BP 3.09:	PORIGE, BINGE, 6 PASTURE	.0	.0	.0	.0	.0	. 8	
BP 3.13:	PROTE	.0	.0	.0	•0	.0	. 9	
BP 3.14:	VEGETABLE CROPS	.0	.0	.0	•0	.0	. 3	
EP 4.01:	BEEF	.0	.0	.0	.0	.0	1.0	
BP 4.07:	AQUATIC FOOD & PERDSTOPPS	.0	.0	.0	.0	.0	1. 1	
RP 5.041	INSECTS THISCAIMS NEW # MI	S BELONGI	.0	. a	.0	.0	.0	
BP 5.05:	BESELECH OF LOSIVISTRATION	OP BESEA	RCB _ 0	.0	.0	.a	.0	
GSTAD LOL	·AL	.4	.0	. 0	.0	.4	45	

(PRINIRY)

	"B STATE SUMMARY OF S PROGRAM SUMMARY	CIRRITOR-	RAES POR	PI 1977		£1	BISTBA		
	PRODUKO Demasar					usp1		OTE COOP	PORRST
	SOIL & LAND USE	185	BRS	FC8/SBS	Ps	TOTAL	SIES	INSTS	SCHOO
		. 6	.0	.3	.0	- 6	. 3	.0	
:	BECREATION	-0	.0	.0	•0	.0	1.7	.0	
:	WEATRER HODIFICATION FOR	.0	.0	TBY .O	.0	.0	. 0	.0	
2	INVESTORY 6 APPRAISAL OF	POREST RES	00 RCBS	-0	2.0	2.0	-0	.0	
:	TIBBER BAHAGEBERT	.0	.0	. 0	5.9	5.9	.0	.0	
•	POREST PROTECTION	.0	.0	.0	4.9	4.9	-0	.0	
:	FOREST WATERSHEDS, SOILS,	POLLUTION	.0	.0	3.1	3.1	.0	.0	
:	POREST RANGE WILDLIFE & P	ISHBBIBS H	ABITAT DE	VBLOPHENT 0	.0	.0	.0	.0	
ı :	ALTERNATE USES OF LIND	.0	.0	.0	.0				
1:	MOBAT					-0	. 0	.0	
	SHALL GRAINS OTHER THAN W	.0 EEAT	• 0	.0	.0	.0	.4	.0	
	FORIGE, RANGE, & PISTORE	-6	. 0	.0	.0	.6	1.1	.0	
	NEW CROPS 6 MINOR OILSERD	1.6	.0	.0	.0	1.6	. 9	.0	
:		• • 0	.0	-0	•0	.0	.1	.0	
3	PRUIT	-1	.0	.0	.0	•1	. 4	.0	
:	TRGETABLE CROPS	1.5	.0	.0	.0	1.5	.6	- 0	
:	PLANTS TO BURNACE THE BUT	IBONNENT 5.	_0	.0	.0	.5	. 5	.0	
:	SBP	.0	_0	.0	_0	.0	.0	.0	
:	DAIRT	_0	_0	•0	.0	.0	1.4	.0	
:	OTHER ADDRESS, GO	ATS, PETS,	LABORATO:	B), BTC.)	.0	. 3	.0	.0	
:	BOBAL DEVELOPMENT & QUALI	TY OF PARI	LY LITEG	.0	.0	.0	-7	.0	
,	FARM ADJOSTMENT, PRICES &		•0						
•	HARRETING & COMPETITION	.0	.0	-0	-0	.0	-8	.0	
:	GENERAL RESOURCE OF TECHE	.9	-0	.0	.0	.9	1.3	.0	
or:		.0	- 0	-0	.0	.0 22.0	.0		1
JE:	••	6.1	_0	.0	13.9	77.0	1023		

(PRIMARY)

reseleca	PROGREB SUMBER							
		185	RRS	PCS/SES	13	OSD1 TOTAL	Sabs	BTO I
89 1.01:	SOIL 6 LAND OSE	3-8	.0	.0	.0	3.0	13.2	
&P 1.02:	PATER 6 NATESSEEDS	1.8	.0	•0	.0	1.8	2,9	
RP 1.03:	BECREATION	-0	.0	-0	.0	.0	.1	
BP 1.04:	BRAIBORREALT COTFILL	16.0	_0	.0	.0	16.0	7.5	
BP 1.05;	NEATHER HODIFICATION FOR	AGRICULTUR	s & FORES	.0	.0	-0	1.0	
BP 1-06:	PISE & WILDLIPE	.0	-0	.0	.0	.0	.1	
BP 2.01:	INVENTORY & APPRAISAL OF			.0	.0	.0	. 5	
BP 2.02:	TINGER SANAGERENT	.0	-0	.0	5.2	5.2	1.6	
BP 2.03:	FOREST PROTECTION	.0	.0	.0	1.7	1.7	.4	
BP 2.04:	Babyrsting PROCESSING 6	BARKETING O	P POREST	PRODUCTS				
BP 2.05:	POREST WATERSHEDS, SOILS		.0	.0	5.9	5. 9	1, 8	
BP 2.06:	FOREST BLACK SILDLIFE &				.0	.0	1.5	
BP 2.07:	PORRST RECERTION & LEGT			.0 ESTJAV SQ.	-0	-0	.0	
RP 2.08:	ALTERNATE GSES OF LAND	•0	.0	.0	.0	.0	.7	
BP 3.01;	COBR	-0	_0	•0	-0	-0	.4	
2P 3.02:	CRAIN SORGHUM	26.6	.0	-0	-0	26.6	17.3	
BP 3,03:	4HBAT	A.1	.0	•0	-0	4.1	-7	
BP 3.04:	SHALL GRAIDS OTHER THAN	17.8 HBR15	-0	•0	.0	17.8	.9	
RP 3.05:	BICE	3.9	.0	.0	-0	3.9	.9	
		.0	.0	•0	•0	-0	. 2	
RP 3.06:	SOTRELES	40.0	.0	-0	.0	40.0	16.5	
RP 3.08:	SUGAR	.0	.0	-0	-0	-0	•0	
RP 3.091	FORIGE, RINGE, & PISTURE	-0	.0	.0	.0	.0	5. 2	
BP 3.10;	COTTON	-0	.0	-0	-0	.0	-1	
RP 3.12:	NEW CROPS & MINOR OILSER	14.5	.0	-0	-0	14.5	.1	
BP 3.13:	PROIT	1.0	.0	-0	-0	1.0	5.7	
BP 3. 14:	VEGRILBLE CHOPS	. 8	•0	-0	-0	-0	5.4	
8P 3.151	PILKIS TO BUBLECE THE BE	THECKOEIF 0.	.0	•0	.0	.0	4.8	
EP 3.161	BEES & OTHER POLICETING	IMSRCTS .0	•0	-0	.0	.0	. 6	
BP 4.01:	BBBF	2.4	.0	.0	.0	2.4	5.7	
BP 4.02:	DAIRT	.6	.0	.0	.0	.6	13, 1	
BP 4.03:	POULTRY	.0	.0	.0	-0	.0	1.8	
RP 4.09:	SHREP	.2	• 8	-0	.0	.2	3.2	
		. 2	-0	.0	.0	.2	8.6	
		ATS, PBTS,	LABORATO 0	BY, BTC_)	•0	.0	3.7	
		.0	+0	•0	•0		2	
		8.2	.0	.0	-0	8.2	6. 4	

SESSINCE PROCESM SOMBERY

		ARS	BRS	PC5/889	PS	USDA TOTAL	SARS	OTH COOP
BP 5.02#	POOD SAPRTY	26.3	.0	٠0	.0	26.3	1.3	.0
BP 5.03;	BURAL DEVELOPMENT 6 Q	OALITY OF PARI	LT LIVI	.0	•0	.0	7.8	.0
2P 5.05:	RESEARCH OF ADBIBLISTS	ATION OF RESEA	BCH .0	-0	-0	.0	.2	.0
20 6.01:	FARM ADJUSTMENT, PRIC	RS & INCOMB	.7	.0	.0	.7	9.7	.0
ge 6.02:	PORRIGH AGRICULTURAL	BOWDE & BCOWOR	IC DEVE	.0	•0	1.4	.5	.0
RP 6.03:	ALEXETING & COMPETITI	#C	3.9	.0	.0	3.9	4.7	.0
RP 7.01:	GENERAL RESOURCE OR T	ECHNOLOGY 21.7	-0	.0	.0	21.7	10.3	.0
EP 9.01:	UNCLASSIPIED	•0	-0	-0	.0	-0	.5	. 0
GRAND TOT	AL .	191.2	4.6	.0	12.8	208.6	163.7	-0

BREBISCH	PROGRAG SUMMARY							
		189	29S	PCS/885	PS	TOTAL	SARS	OTE
80 1.01:	SOIL & LAND USR	.6	.0	.0	.0	. 6	6.9	
BP 1.02;	WATER & WATERSHEDS	1.4	- 0	.0	.0	1.4	3.5	
RP 1.03:	RECEBLTION	.0	-0	.0	.0	.0	-1	
BP 1.04:	BHTIBORHBHTLL QUALITY	3.0	.0	.0	-0	3.0	7-6	
EP 1.05;	WBATHER HODIFICATION FOR A	.0	8 6 PORBS	.O	.0	.0	1.8	
RP 1.06:	PISS 6 WILDLIPE	-0	.0	.0	.0	-0	. 0	
BP 1.07:	BEHOLB SENSING	.0	.0	.0	.0	-0	. 3	
BP 2.01:	INVESTORY 6 APPRAISAL OF P	OPEST SES	00BCE5	.0	.0	.0	1. 2	
BP 2.02:	TIMBER HAWAGEMENT	.0	.0	•0	.0	.0	2. 3	
BP 2.03:	POREST PROTECTION	-0	-0	.0	.0	.0	.3	
BP 2.04:	HABYESTING PROCESSING & MA	BEETING O	P FOREST	PRODUCTS	.0	-0	4.7	
BP 2.05:	POREST WATERSHEDS, SOILS,	POLLUTION .0	.0	-0	.0	.0	. 9	
RP 2.06:	POBEST BANGE WILDLIPE & PI	SBERIES H	ABITAT DE	O. THENGOLER	.0	.0	1.3	
RP 2.07:	POREST RECREATION 6 ARSTER	11C5 & of.	H LANDSCA	PE VALUES	.0	.0	1, 2	
RP 2.08:	ALTERNATE OSES OF LAND	.0	•0	.0	.0	-0	-4	
BP 2.09:	TECHINICAL ASSISTANCE	.0	.0	.0	.0	.0	.1	
BP 3.01:	CORY	1.7	.0	.0	.0	1.7	12.7	
BP 3.02:	GRAIN SORGHUM	.0	•0	.0	•0	.0	1. 1	
BP 3.03:	WHEAT	.8	.0	.0	.0	.8	4.9	
29 3.04:	SEALL GRAINS CINES THAN WE		.0	.0	.0	.4	. 4	
RP 3.06;	SOTBEAKS	3.0	.0	.0	.0	3.0	9.3	
RP 3.08:	SUGAR	•0	.0	.0	.0	.0	.1	
BP 3.09:	PORIGE, RANGE, 6 PASTORE	1.0	.0	.0		1.0		
BP J. 12;	HEW CHOPS & MINOR OILSBEDS				.0		4-6	
BP 3.13:	PROIT	.1	.0	.0	.0	.1	3.3	
RP 3.14:	VEGETABLE CROPS	2.0	.0	.0	.0	2.0	3.9	
RP 3, 15:	PLANTS TO EMBANCE THE BHYI	1.0 BONNEHT	•0	• 0	.0	1.0	7. 1	
BP 3.16:	BBES 6 OTHER POLLIBATING 1	.0 PSECTS	.0	.0	.0	-0	1.9	
RP 4.01:		-0	.0	.0	-0	.0	٠1	
BP 4.02:	DAIRT	. •0	.0	.0	-0	-0	6.5	
BP 4.03:	POULTRY	•0	.0	.0	.0	-0	5.9	
BP 4.04:		2.0	.0	.0	.0	3.0	5.6	
BP 4,05:		•0	.0	.0	.0	.0	1.4	
	OTHER AMINALS (BORSES, GOAS	.4 IS. PBTS.	.0 Lahobato	.O BY. BTC.)	-0	. 4	10.5	
	POOD & BUTRITION	.0	.0	.0	•0	-0	3.1	
	FOOD SAFETY	-0	.0	.0	-0	.0	4.0	
		. 2	.0	.0	•0	-2	1.5	
					no			

ABS BRS PCS/SPS PS TOTAL SABS OTH COOF PORSTEY SCHOOLS BP 5.03: RUBAL DRYBLOPHENT & QUALITY OP PARTLY LIVING .0 .0 .0 .0 .0 .0 5.7 .0 .0 BP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS .0 .0 .0 .0 .0 2.6 .0 .0 BP 6.01: FABN ADJOSTNENT, PRICES & INCOMB .0 2.1 .0 .0 2.1 6.0 .0 .0 SP 6.02: FOREIGN AGRICULTURAL TRADE & RCONGHIC DEVELOPHENT .0 .0 .0 .0 .0 .0 1.9 .0 .0 BP 6.03: MARKETING & COMPRITION .0 .0 .0 .0 .0 .0 6.4 .0 .0 BP 7.01: GENERAL RESOURCE OR TECHNOLOGY 2.2 .0 .0 .0 .0 2.2 32.0 .0 .0 EP 9.01: UNCLASSIPIED .0 .0 .0 .0 .0 .0 1.4 .0 .0										
ARS BRS PCS/SBS PS 10fil SABS INSTS SCHOOLS BP 5-03: RUBAL DRYBLOPHENT & QUALITY OF PARTLY LIVING .0 .0 .0 .0 .0 5.7 .0 .0 EP 5-04: INSECTS AFFECTING MAN & RIS BELONGINGS .0 .0 .0 .0 .0 2.6 .0 .0 EP 6-01: FARM ADJUSTMENT, PRICES & INCOMB .0 2.1 .0 .0 2.1 6.0 .0 .0 SP 6-02: FOREIGN AGRICULTURAL TRADE & ROUNGHIC DEVELOPMENT .0 .0 .0 .0 .0 1.9 .0 .0 EP 6-03: MARKETING & COMPETITION .0 .0 .0 .0 .0 .0 6.4 .0 .0 EP 7.61: GENERAL RESOURCE OR TECHNOLOGY 2.2 .0 .0 .0 2.2 32.0 .0 .0 EP 9.01: UNCLASSIPIED .0 .0 .0 .0 .0 .0 1.4 .0 .0	BESEARCH	PROGRAM SUMBARY								Iy
## 5.00; INSECTS AFFECTING MAN 6 RIS BELONGINGS ## 5.00; INSECTS AFFECTING MAN 6 RIS BELONGINGS ## 0.01: FARM ADJOSTMENT, PRICES 6 INCOME ## 0.02: FOREIGN AGRICULTURAL TRADE 6 RECONOMIC DEVELOPMENT ## 0.02: FOREIGN AGRICULTURAL TRADE 6 RECONOMIC DEVELOPMENT ## 0.02: MARKETING 6 COMPETITION ## 0.02: 0.02: 0.02: 0.03:			284	BRS	PCS/SBS	PS		SABS		
.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	ap 5.03:	HUBEL DEABLODHERS & GOTTLES				.0	-0	5.7	•0	-0
-0 2.1 .0 .0 2.1 6.0 .0 .0 SP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT -0 .0 .0 .0 .0 .0 .0 .0 .0 EP 6.03: MARKETING & COMPETITION -0 .0 .0 .0 .0 .0 6.4 .0 .0 SP 7.61: GENERAL RESOURCE OR TECHNOLOGY 2.2 .0 .0 .0 2.2 32.0 .0 .0 EP 9.01: UNCLASSIPIED -0 .0 .0 .0 .0 .0 1.4 .0 .0	8P 5.04:	INSECTS APPECTING MAN 6 HIS			.0	.0	.0	2. 6	.0	.0
.0 .0 .0 .0 .0 1.4 .0 .0 EP 6.03: MARKETING 6 COMPETITION .0 .0 .0 .0 .0 .0 6.4 .0 .0 EF 7.01: GENERAL RESOURCE OF TECHNOLOGY 2.2 .0 .0 .0 2.2 32.0 .0 .0 EP 9.01: UNCLASSIPIED .0 .0 .0 .0 .0 1.4 .0 .0	89 6.01:	PARM ADJOSTMENT, PRICES & I		2.1	.0	.0	2.1	6.0	-0	-0
.0 .0 .0 .0 .0 .0 6.4 .0 .0 EF 7.01: GENERAL RESOURCE OR TECHNOLOGY 2.2 .0 .0 .0 2.2 32.0 .0 .0 EP 9.01: UNCLASSIFIED .0 .0 .0 .0 .0 1.4 .0 .0	SP 6.02:	PORBIGE AGRICULTURAL TRADE			OPREBT O	.0	.0	1.4	.0	-0
2.2 -0 .0 .0 2.2 32.0 .0 -0 RP 9.01: UKCLASSIPIRO .0 -0 -0 -0 -0 1.4 .0 -0	₽₽ 6.03:	BARKETING & COMPETITION	.0	.0	.0	.0	.0	6.4	.0	-0
.0 .0 .0 .0 1.4 .0 .0	gp 7,611	GENERAL RESOURCE OR TECHNOL		-0	.0	.0	2.2	32.0	-0	-0
GRAND TOTAL 19.8 2.1 .0 .0 21.9 176.5 .0 .0	EP 9.01:	ORCLASSIPIRO	.0	-0	-0	.0	.0	1.4	.0	-0
	GRAND TOT	L	19.8	2.1	.0	.0	21.9	176.5	•0	•0

(PRIMART)

TABLE 7-8 STATE SOMMARY OF SCIENTIST-YEARS FOR PT 1977

RESEARCH PROGRAM SUMMARY

RESBARCH	PROGRAM SUMMART						
	ARS	885	PCS/SRS	PS	USDA TOTAL	SARS	OTE C
RP 1.01:	SOIL 6 LIND USB	.0	.0	.0	t.8	8.6	
BP 1.02:	BATER & WATERSHEDS .3	.0	.0	.0	.3	3.4	
BP 1.03:	BECEBATION .0	.0	•0	.0	.0	.0	
BP 1.04:	PRAIBORREATH ÖNFFILL	.7	.0	.0	.7	5.2	
RP 1.05:	PRATHER MODIFICATION FOR AGRICU.		ESTRY .0	-0	.0	1.8	
BP 1.06:	PISH 6 WILDLIPB .0	.0	.0	.0	.0	. 8	
RP 1.07:	BRHOTE SRUSING	.0	.0	.0	.0	.1	
BP 2.01:	INVESTORY C APPRAISAL OF POREST .0		.0	•0	.0	. 1	
BP 2.02:	TIMBER MANAGEMENT	.0	.0	.0	.0	2.7	
RP 2.03:	POREST PROTECTION	.0	.0	.0	.0	. 2	
RP 2.04:	BARFESTING PROCESSING & MARRETI .0		PRODUCTS	-0	.0	-0	
EP 2.05:	POREST VATERSHEDS, SOILS, POLLO.		.0	.0	-0	•0	
RP 2.07:	POREST RECREATION & ABSTRATICS .0		.1PE VALUES	.0	.0	.9	
BP 2.08:	ALTERNATE OSES OF LARD	.0	.0	.0	-0	.3	
BP 3.01:	COB# 9.9	.0	.0	.0	9.9	12.6	
RP 3.02:	GRAIN SORGHOR	•0	.0	.0	.0	. 8	
RP 3.04:	SMALL GRAIDS OTHER THAN WHEAT	.0	.0	.0	.5	2.9	
RP 3.062	SOYBRANS	. 0	.0	.0	4.7	8.9	
RP 3.09:	PORAGR, BANCE, & PASTURE .0		.0	.0	.0	3.2	
BP 3.12:	MRG CROPS & MINOR OILSEBDS	.0	.0	.0	.0	.4	
BP 3.13:	PROIT .0	.0	.0	.0	.0	2.4	
RP 3.14:	VEGETABLE CROPS	.0	.0	.0	.0	1-0	
8P 3.15:	PLANTS TO BUHANCE THE ENVIRONMEN. 6	NT	.0	.0		3.4	
EP 4.01:	6827	-0	.0	.0	16.8	7.0	
RP 4.02:	DAIRY	.0					
BP 9.03:	POULTRY 8.4	.0	.0	.0	15.2	3.7 2.9	
BP 4.04:	50BBP		•0		8.4		
RP 4.05:			.0	.0	2.2	.3	
RP 4.06:	11.8 OTRES ANIMALS (HORSES, GOATS, PI	BTS, LIBORIT		.0	11.8	9.0	
RP 4.07:	1.7 AQUATIC POOD & PREDSTUPPS		.0	.0	1. 7	1.7	
RP 5.01:	.0 POOD 6 HOTHITION 8 DOOP		•0	.0	.0	.1	
BP 5.02:	POUD SAPETY	•0	.0	.0	.0	3.1	
MP 5.03;	.1 BORAL DBYSLOPHBHY & QUALITY OF			-0	.1	2.9	
	.0 INSECTS APPECTING MAN 8 HIS BRLC	eokioko .0	.0	.0	.0	7.3	
	-0 RESEARCE ON ADMINISTRATION OF BE	.O BSBARCH	•0	-0	.0	- 4	
	.0 PARM ADJUSTMENT, PRICES 6 INCOME	.0 s	-0	•0	.0	1. 2	
	1.7	.0	.0	.0	1.7	2.8	

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TABLE V-8 STATE SOUMERY OF SCIENTIST-TRANS FOR PY 1977

(PRISERY)

RESEARCH PROGRAM SOMMARY

		ARS	BES	FCS/SRS	Ps	OSDA Total	SIBS	OTH COOF	POREST
2P 6.02: P	ORRIGH AGRICULTURAL TRADE	• 0 BCORONIC	DBVBL	TKSRGO O.	.0	• 0	.6	.0	
BP 6.03: B	PERELIAG E CONELLION	•0	.0	-0	.0	- 0	3.2	.0	
BP 7.01: 0	BRBBLL BESOURCE OR TECHNOL	.ogr 3.0	.0	•0	-0	3.0	6,2	.0	
2P 9.01: 0	RCLASSIPIBD	•0	.0	-0	.0	•0	4.4	.0	
GRAND TOTAL	•	76.8	•7	-0	.0	79.5	116.6	.0	

OTH C

RES BARCH PROGRAM SUMMART

2220200						USDA	
		185	282	PCS/S 85	PS	TOTAL	SAES
BP 1.01:	SOIL & LAND USE	š• 6	•0	.0	.0	2.6	4-4
BP 1.02:	WITER & WATERSHEDS	2.2	-0	.0	.0	2.2	9.0
pp 1.04:	BHAIBORRBHIYF ÖGYFILL	.0	-0	.0	.0	- 0	3.8
BP 1.05;	WEATHER HODIFICATION FOR I	.3	RE 6 PORB	.0	-0	.3	1.9
BP 1.06:	FISH & WILDLIFE	.0	.0	.0	-0	-0	.8
RP 2.01;	INTENTORY 6 APPRAISAL OF 1	OBEST RE	SOURCES	.0	•0`	•0	.0
BP 2.02:	TINDES NAVAGENENT	-0	.0	-0	.0	.0	2.9
80 2.03:	POREST PROTECTION	.0	-0	.0	.0	.0	1. 1
RP 2.06:	POREST BANGE WILDLIPE 6 P	SELEBBER.	HABITAT D	EVELOPHENT . 0	.0	.0	. 1
RP 2.07:	POREST RECREATION & ABSTHI	O S SOLET	TH LANDSC!	APB VALUES	.0	.0	.6
RP 3.01:	CORR	4.4	. 2	.0	.0	4.6	8.5
BP 3.02;	GRAIN SORGEOR	2.9	,1	. 0	•0	3.0	12.2
BP 3.03:	WHEAT	11.7	.2	•0	.0	12.0	17.7
BP 3.04:	SMALL GRAINS OTHER TRAN RE		.1	.0	-0	1.8	1.3
BP 3.05:	BICS	2.0	.1	.0	.0	2.1	.0
BP 3.06:	SOTBELVS	.8	.0	.0	.0	.0	6.2
RP 3.08:	S0G18	.0	.0	.0	.0	-0	- 8
BP 3.09:	PORAGE, RANGE, & PASTURE	1.0	,1	.0	.0	1. 1	11.2
BP 3.12:	MEW CROPS & MINOR OILSEBDS		.0	.0	.0	• 0	.4
BP 3.13:	PBUIT	.0	.0	.0	.0	.0	3.5
RP 3.19:	VEGETABLE CROPS	.0	.0	.0	.0	.0	2.8
BP 3.15:	PLINTS TO BRHINCE THE SHYI		.0	.0	.0	.0	2.9
RP 3.16:	BRES & OTHER POLLIFATING I	HEBCTS					
RP 4.01:	HERP	.2	.0	.0	.0	.2	•1
RP 4.02:	DAIRY	.2	.0	.0	.0	.2	15.3
RP 4.03:	POOLTRY	.0	.0	-0	.0	.0	8.6
BP 4.04:	SHBEP	.0	•0	•0	•0	.0	6.4
RP 4.05:	Svirb	.0	.0	.0	.0	-0	3.1
20 n 06:	OTHER ABINALS (HORSES, GOA	.O TS, PBTS,	.0 LABORATO	.0 BY, PTC.}	.0	•0	3.9
	QUATIC POOD & PREDSTUPES	.0	-0	.0	.0	.0	1. 2
	COD & BUTBETUR & COO	•0	.0	.0	.0	.0	1, 2
	OOD SAFRTI	.5	•0	.0	.0	.5	3.5
	URAL DEVELOPMENT & QUALIT	. <i>9</i> 1 OF FAN	.o :L¥ LIVING	. a	-0	.9	1.3
	USECTS APPROTING HAN & HI	.0	•0	•0	_0	.0	9.7
	ARE ADJUSTMENT, PRICES &	-0	.0	•0	.0	.0	- 9
	OREIGN AGRICULTURAL TRADE	1.1	.0	.O Purnt	.0	1. 1	2.6
	TOTAL EGOLOGOURED ASSESS	.0	.0	.0	-0	.0	3.7

6.03: BLENSTING & COMPRTITE	2.7	2.1	.0	.0	4.8	4.4	.0	
7.01: GRUBBAL RESOURCE OR 1	RCHPOLOGY	.0	.0	.0	.1		.0	
	- 1	• 0	.0	.0	- 1	13. 2	.0	
9.01: DYCLASSIPIED	.0	-0	.0	-0	.0	14.4	.0	
IND TOTAL	35. 2	3.0	•0	.0	38.2	185.6	.0	

(PRIBLEY)

USDA OTH COOF FOREST ARS BES FCS/SRS FS TOTAL SARS INSTS SCHOOL

BLE V-B STATE SUBBABY OF SCIENTIST-TRANS FOR FT 1977

SEARCH PROGRAM SOMMARY

IESMARCH PROGRAM SOMMART

			ABS	BRS P	CS/SRS	15	DSDA TOTAL	SARS A
·P	1.01:	SOIL & LAND USE	.0	1.0	-0	-0	1.0	5_8
•₽	1.02:	WATER 6 PATERSHEDS	-0	.0	.0	.0	.0	1. 1
:9	1.03;	BECSBATION	.0	.0	. 0	-0	.0	2.0
!P	1.04:	BRAISONDERLIF OGFFILL	.1	-0	.0	.0	. 1	10.9
ť₽	1.05:	BEATHER SODIFICATION FOR	AGRICOLTORS	6 PORBST	.0	•0	-0	
۲P	1.061	PISB & WILDLIPS	•0	.0	.0	•0	.0	3.6
18	1.07:	RESOTE SENSING	•0	.0	-9	.0	.0	.3
!P	2.01:	INVESTORY 6 APPRAISAL OF			.0	.0	.0	.4
10	2.02:	TIMEBR MANAGEMENT	.0	.0	.0	6.4	6.4	3.3
16	2.03:	POREST PROTECTION						
16	2.09:	NARVESTING PROCESSING & C				5.9	5.9	1,5
₽	2.05:	POREST WATERSHEDS, SOILS,	.0 POLIUTION	.0	•0	4.0	4.0	2.4
ιP	2.06:	POREST SANGE WILDLIFE 6 1	.O Pisubpibs Ha	.0 THE TATE	.O BLOPBBHT	2.6	2.0	.1
10	2.07:	FOREST RECREATION 6 ASST	.0 BTICS 5 OTB	.0	.0 E TALOES	•0	• 0	.2
	2.08:	ALTERNATE OSES OF LAND	.0	.0	.0	.0	.0	. 7
	3.01:	COBN	.0	-0 '	.0	-0	-0	1.0
			•0	.0	-0	.0	-0	3.7
	3.02;	GRAIN SORGRON	•0	•0	.0	-0	.0	-0
	3,03:	Desit	2.3	.0	•0	.0	2.3	4. 1
₹₽	3.04:	SHALL GRAIDS OTHER THAN I	2.0	-0	.0	-0	2_0	1.9
12	3.06:	SOYBEARS	.0	.0	.0	.0	.0	1.8
ŧ₽	3.08:	SOGAR	2.0	.0	.0	.0	2.0	.3
۱P	3.09:	PORAGR, BANGE, & PASTURE	.0	.0	.0	.0	-0	3.5
ŧ₽	3. 12:	BEW CROPS 6 MINOR OILSBEI	os .0	.0	.0	-0	-0	. 2
1P	3. 13:	PRUIT	3.5	.0	.0	.0	3,5	18,0
ŧ₽	3. 14:	VEGETABLE CROPS	1.0	.0	.0	.0	1.8	12,9
ŧ₽	J. 15:	PLANTS TO BUHANCE THE BET	VIRONABNY .0	.0	.0	-0	.0	5,9
ŧ₽	J. 16:	BRES & OTHER POLLINATING	INSECTS	.0	•0	.0	.0	.2
i P	4.01:	BBBP	.0	•0	•0	.0	.0	2.0
IP	4.02:	DATHT	.0	.0	.0	.0		15.3
1P	4.03:	POULTRY					.0	
₽	4.04:	SHESP	10.0	.0	.0	.0	10.0	5.2
1P	4.05:	SVIPB	.0	-0	.0	-0	-0	.6
ı₽	4.96:	OTHER ANIBALS (HORSES, GO	.O Dats, Pars, 1	-0 Liborator	.0 f, BTC.)	.0	•0	5.3
		AQUATIC FOOD & PREDSTUFFS	. 0	.0	.0	.0	.0	3.3
	5.011	2000 & NUTRITION	-0	-0	.0	.0	-0	.4
	5.02:	FOOD SAFETY	.0	-0	-0	•0	.0	6.5
	J. V41	INCR SHIPTS	-0	-0	•0	.0	-0	3, 1

	1RS	BRS	PC9/SRS	75	OSDA Total	SABS	RICHIGAN	HICHIGAN BOUGSTON
p 5.031	BORAL DEVELOPMENT & QUALITY OF PANIL	1 LIWI	tG .0	.0	.0	8.5	•0	.0
p 5,04:	THE BCTS APPECTING WAN 6 HIS BELONGING	GS -0	.0	.0	.0	. 3	.0	.0
9 5.051	PRIBABCH OF ADMINISTRATION OF BRIBAS	-O	-0	.0	•0	. 2	•0	.0
1								

(PRIMARY)

RBC

BIG

ABLE T-B STATE SUBHARY OF SCIENTIST-YEARS FOR FY 1977

BSBARCH PROGRAM SUMMARY

9 5. 051	KED WEEK OF HOUSE STREET	.0	٠.0	-0	.0	•0	. 2	•0	-0
9 6.01:	PARH ADJUSTMENT, PRICES & IN	.0 0	. 5	.0	.0	.5	5. 3	.0	-0
P 6.021	PORRIGH AGRICULTURAL TRADE &	BCOWONIC	DRYELOPER • 0	.0	.0	.0	1. 2	.0	.0
6.03:	MIRRETING & COMPRESSION	.0	.0	.0	.0	.0	3.5	-0	.0
7.01:	GENERAL RESOURCE OF TECHNOLOG	.0	• 0	.0	.0	.0	21.7	.0	.0
9.01:	decilsaified	.0	• 0	.0	.0	.0	.0	.0	. 0
ELED TOTI	11. 2	1.7	1,5	.0	19.1	42.3	168.3	5,3	13.9

(PRISIBY)

BBSEASCE	PROGRAM SOMMARY							
		ABS	8 2 5	FCS/385	P 5	dsdå Totål	Sabs	OTE
BP 1.01:	SOIL & LAMP OSS	4.8	-0	•0	.0	4.8	7.2	
RP 1.02:	WITER & WITERSHEDS	5.8	-0	-0	-0	5.8	1.3	
BP 1.03;	BECHETION	-0	-0	.0	-0	.0	.0	
BP 1.04:	BRAISONSERIFF GOTFILL	5.5	.0	.0	-0	5.5	4.6	
BP 1.05:	WEATHER MODIFICATION FOR AG	RICULTO	DE 6 POBE	STRY	.0	.3	1. 3	
RP 1.06:	bish & airdribs	.0	.0	.0	.0	.0	3.0	
BP 1.07:	REMOTE SEVELING	-0	.0	.0	-0	.0	.2	
BP 2.01:	INVESTORY & APPRISAL OF PO	18 T238	SOURCES _O	.0	6.0	6.0	1.3	
BP 2.022	TIMBER MINAGEMENT	-0	.0	.0	9.0	9.0	€.7	
BP 2.03:	POREST PROTECTION	.0	.0	.0	7.8	7.8	1, 4	
2P 2.09:	HARVESTING PROCESSING & MAR	RBTING	OF FOREST	PRODUCTS	4.0	4. 0	6.7	
BP 2.05:	POREST WATERSHEDS, SOILS, P	OLLUTION	.0	.0	3.6	3,6	1.5	
BP 2.06:	POBEST RANGE WILDLIPE 6 PIS	EEBIRS	BABITAT D	RVBLOPMBNT .O	. 4	.4	1.4	
8P 2.07;	POBEST RECEENTION & ARSTHAT	1CS & 0	TE LINDSC	APS VALUES	1.0	1.0	1. 9	
BP 2.08:	ALTERNATE USES OF LAND	_0	.0	-0	3.0	3.0	1. 1	
RP 3.01:	CORM	.1	-0	.0	.0	.1	7.7	
1P 3.03:	EBBIT	3-7	.0	.0	.0	3.7	1.8	
BP 3.04:	SMALL GRAINS OTHER THAN WHE	2.6	.0	-0	.0	2.6	5.3	
BP 3.05;	BICE	-0	.0	.0	-0	.0	2.9	
BP 3.06;	SOYBBANS	1-0	.0	.0	-0	1.0	5.7	
BP 3.09:	FORIGR, BANGE, 6 PASTORS	5.0	.0	•0	.0	5.0	4.9	
BP 3.121	BEW CROPS & MINOR OILSERDS	.0	_0	.0	-0	.0	3.7	
RP 3.13;	PROIT	-0	.0	.0	.0	.0	1.3	
BP 3.141	VEGETABLE CROSS	2.5	.0	.0	-0	2.5	11.1	
RP 3.15:	PLANTS TO ENGLISCE THE BUYIN		.0	.0	.0	.0	6.5	
RP 3.16:	BRES 5 OTHER POLLIBRATING IN		.0	.0	.0	40	•5	
BP 4.012	888P	.0	.0	.0	-0	.0	3.2	
RP 4.02:	DAIRE	.0	.0	.0	.0	.0	10.0	
RP 4.03;	POULTRY	.1	.0	.0	.0	.1	6.4	
BP 4-04:	28BBP	.0	.0	-0	.0	.0	2.7	
RP 4.05:	STINE	.0	.0	.0	.0	.0	6.3	
RP 4.06:	OTHER BRIBALS (HORSES, GOAT		LABORATO	DET, ETC.)				
NP 4.07:	AQUATIC POOD & PEEDSTUPES	.0	.0	.0	.0	.0	. 5	
RP 5.01:	POOD & WOTRITION	.0				.0		
RP 5.02:	POOD SAPRTY		.0	.0	.0	.0	7.7	
RP 5.03;	HORFF DEASTONERS & GOTFILL		.0 HIÇIL TI	.0	.0	.5	3.3	
		.0	- 1	-0	.0	.1	13.3	

TIBLE V-B STATE SORMARY OF SCIENTIST-TEARS FOR PY 1977

(PRIMARY)

RESEARCH PROCRAM SUMBARY

		ARS	PRS	PC5/SRS	PS	USDA Total	SAES	OTH COOP	POER SCR
5.04:	IVSBCTS APPECTING HA	N E HIS BRLONGI O.	.0	.0	.0	-0	2.0	.0	
5.05:	BESBARCH ON ADMINIST	RATION OF RESEA							
		.0	.0	.0	.0	•0	1.1	.0	
6-011	PIRE ADJUSTMENT, PRI	CES & INCOME							
		.0	. 6	-0	.0	.6	1.6	.0	
6.02.	FORBIGN AGRICOLTURAL	TRADE & BCONON	IC DEVE	THENGO.					
0.021		.0	.0	.0	. 0	.0	. 9	.0	
6 03.	SARRETING & COMPETIT	TON							
0.033	DEGREEA CONTRACTOR	1.9	1. 1	1.4	.0	4.4	3.5	.0	
2 011	GENERAL RESOURCE OF	TROUNDINGT							
	ARBRES PROCESSO OF	.6	.0	.0	.0	. 6	14.2	.0	
B 01-	UNCLASSIFIED								
3.015	A40 PESSEL THA	.0	.0	.0	.0	.0	. 2	.0	
FO TOT	15. 7	34.3	2.0	1.4	34.8	72.5	168.0	•0	
101 101	E. L.	J4.3	2.0	1.7	34.0	12.3	100.0	•0	

RESEARCE PROGRAM SORMART

BESSYRCE	ABORNER SOURCE						
		ARS	Bes	PC\$/8115	P 5	POTAL	8189
RP 1.01:	SOIL & LAND USE	1.2	.0	.0	•0	1.2	3, 1
BP 1.02:	VATES & VATERSBEOS	5.6	.0	.0	.0	5.6	1.5
BP 1.03:	RECREATION	.0	.0	.0	-0	.0	. 3
BP 1.04:	BRAIBONNERLYT GOTTILL	2.2	.0	.0	.0	2.2	2.9
RP 1.05:	SEATRED RODIFICATION FOR I	.0	B & FORB	STBI .O	-0	- 0	2.3
BP 1.06:	PISH & WILDLIPE	.0	-0	.0	•0	-0	. 5
BP 1.07:	BEHOTE SERSING	.0	-0	.0	.0	-0	.0
BP 2.02:	ZIMBBB HAWAGENEWT	.0	-0	.0	4.8	4.8	3.4
BP 2.03:	POREST PROTECTION	.0	.0	.0	.0	.0	-6
RP 2.04:	HIBARALIAG BEOCRASIEG & WI	DKETENG (P FOREST	PRODUCTS	.0	.0	4.3
RP 2.05:	FOREST WATERSHEDS, SOILS,	POLLUTION O	.0	.0	.2	-2	2.0
RP 2.06:	PORRAT RANGE MILDLIFE & P)	SHEBIRS I	ABITAT D	BYELOPHENT .0	1.0	1.0	.6
BP 2.07:	POBEST BECREATION & ASSTRI	11CS & 01	n LANDSC	APE VALUES	.0	.0	.0
RP 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	-0	.0
RP 3.01:	CORN	6.8	.0	.0	.0	6.8	7.9
89 3.02:	GRAIN SORGHUN	.0	.0	•0	.0	•0	1.4
BP 3.03:	WRELT	1,2	.0	•0	.0	1.2	2.9
BP 3.04:	SHALL GRAINS OTERS TEAN WE		.0	.0	.0	-1	.7
BP 3.06:	SOYBRANS	4.8	.0	.0	.0	4.8	6.4
RP 3.08:	SUCAR						
BP 3.09:	PORAGE, SANGE, & PASTURE	•0	.0	.0	-0	.0	.3
RP 3.10;	COTTON	1.3	.0	.0	.0	1.3	6.9
BP 3.11;	TOBACCO	.0	.0	.0	•0	-0	4-5
RP 3.12;	NEW CROPS 6 HINOR OILSB30s		-0	•0	.0	.0	. 1
RP 3.13:	FRUIT	.0	•0	.0	.0	-0	.7
RP 3.19:	VEGETABLE CROPS	•0	.0	.0	.0	•0	3.9
BP 3.15:	PLENTS TO BRELVER THE ENVI	.0 TEEEGOE	.0	-0	.0	.0	1.9
BP 4.01:	BBB2	-0	.0	.0	.0	-0	1.4
PP 4.02:	DAIRY	2.1	-0	.0	-0	2.1	7.7
BP 4.03:	POULTBY	2.5	-0	-0	.0	2-5	7.8
	Sarb	-0	-0	.0	-0	-0	4.8
BP 4.05:	SWIWB	.0	.0	.0	- 0	.0	1.2
-	OTERS ABIEALS (HORSES, GOA	.1 .TS. PRTS.	-0	.0	-0	-1	3.5
	AQUATIC FOOD & PREDSTOFFS	.0	.0	.0	-0	.0	1.1
	FOOD & MUTBITION	.0	.0	.0	-0	.0	-1
		•0	.0	•0	-0	-0	2.9
RP 5.02:	POOD SAFETT	•1	-0	.0	-0	•1	1.8

TABLE Y-B STATE SUBBARY OF SCIENTIST-YRARS FOR PY 1977

(PRINART) EBSBLECH PROGRAM SUMBLET

3P 5.03:	RUBAL DEVELOPMENT & QUALI	TT OF PANIS	T LIVING	.0	-0	1-0	5.9	.2
BP 5.04:	INSECTS APPROTING MAN & S	IS BBLONGI) .0	.O	.0	.0	.0	. 1	.0
19 6.01:	PARM ADJUSTMENT, PRICES 6	-0	1.1	.0	.0	1-1	3.7	.0
ap 6.42:	POREIGN AGRICULTURAL TRAD	- O	C DETELOPM	BHT . O	.0	٠.۵	2.5	.0
2 P 4. 03:	HARRETING & COMPETITION	.7	.0	.0	.0	.7	4.0	.0
3P 7.01:	GRUBBAL RESQUECE OF TECHN	OLOGI 8.1	.0	.0	.0	8.1	0.6	.0
RP 9.01;	UNCLASSIFIED	-0	.0	.0	-0	- 0	.4	.0
arlyb Tot	22.2	36.7	2. 1	40	6.0		116.7	17.3

USDA OTH COOP FORB ARS BRS FCS/SBS FS TOTAL SARS INSTS SCH

STATE SUBBARY OF SCIENTIST-THERS FOR PE 1977

718LE 7-8

USDA TOTAL

(PRIMART)

SABS

OTH I

PS ARS ERS PCS/SRS PP 1.01: SOIL & LAND USB 1.4 1.0 . 0 BD 1_02: WATER & PATERCHENS 1.2 _0 . 0 BP 1.03: BECREATION .0 .0 .0 EP 1.04: ENVIRONMENTAL QUALITY 8.7 1.6 .0 BP 1.05: WELTHER HODIFICATION FOR LOBICULTURE 5 PORESTRY .0 RP 1.06: PISH & WILDLIFE . 0 .0 ٠.0 BP 2-02: TIMBER ALWIGENERT . 0-. 0 ٠.0

. 0 .0 .0 - 0 .0

٠.0 2.4 5.7 .0 1.2 4. 1 .0 ٠, - 1 10.3 -0 2. 9 .0 - 0 . 2 .0 . 0 . 2 . 0 . 0 . 9 2.0 2.0 . 0 .0 - 0 1. 0 2.0 2.0 . 0 .0 .0 . 0 . 0 3. 2 .0 . 0 3.0 . 0 .0 .0 . 0 .0 . 0 . 0 . 0 . 0 5.3 . 0 ٠. .0 -0 . 0 -0

RP 2.03: FOREST PROTECTION RP 2-05: POREST WATERSHEDS, SOILS, POLLUTION . 0 . 0 3.2 . 0 3.0 . 0 . 0 .0 ٠. . 0 . 0 5.3 .0 .0 .0 ٠. . 0 . 0 ٠.0 .0 - 5 . 0 10.2 1.2 . 0 11.0 .0 .0 .0 . 0 .0 POOLTRE .0 .0 ٠.٥ .0 .0 6.3 ٠٥ .0 .0 6.3 7.1 .0 .0 .0 7. 1 .0 .0 -0 _0 .0 .0 .0 .0 .0 ٠. - 1 -0 .6 - 0 .0 -0 2.3 . 0 .0 2.3 .0 . 0 .0 . 2 .0 .0 -0 -0 . 0 47.7 6.1 .0 9.0 57.B

RP 2.07: POBEST RECREATION 6 LESTHETICS 6 OTS LANDSCAPE VALUES .0 .0 .0 . 1 BP 3.01: COBN 11.6 RP 3.02t GRAIN SORGHOR 8. 3 RP 3.03: PHEAT 6.5 BP 3.04: SHALL GRAIDS OTHER THAN WERAT 1.0 BP 3.06: SOTBBLYS 5. 9 RP 3.08: SUDAR .7 BP 3.09: POBAGE, SANGE, & PASTURE 7.9 BP 3. 12: WEW CROPS & SINGE GILBERDS - 1 RP 3.19: VEGSTABLE CROPS 5.2 BP 3.15: PLANTS TO BERANCE THE ENVIRONMENT 2. 9 SP 4.01; BBB? 12. 4 EP 4.02: DAIRY 4.0 BP 4.03: 4.4 99 4.04: SHEEP 1.0 SP 4.05: SWINE 12.4 BP 4.06: OTHER ABIRALS (HORSES, COATS, PZTS, LABORATORY, ETC.) . 3 RP 5.01: POOD & BUTRITION 3.0 RP 5.02: POOD SAPETY 2.4 BP 5.03: BURLL DEVELOPMENT & QUALITY OF FAMILY LIVING 9.6 BY 6.01: PARK ADJUSTMENT, PRICES & INCOME 9.5 BP 6.03: MARKETING & COMPETITION 3.0 BP 7.01: GENERAL RESOURCE OR TECHNOLOGY .2 9.6 RP 9.01: ORCLASSIFIED 12.0 GRAND TOTAL 188. 2

(PRISARY)

e 1.01:	SOIL & LAND USB	_	_		•		42 1	-0
p 1.02:	PATER & WATERSHEDS	5.9	-3	.0	.0	6., 1	12.7	
	3508837108	3.6	1.3	.0	-0	5.1	4.0	-0
28 1.032		.0	-0	.0	•0	•0	-0	•0
BP 1.07:	BRAIBORNEHATT GOFFILE	.0	•0	.0	.0	.0	3.7	-0
BP 1.05:	WEATHER HODIPICATION FOR AC	.O	B 6 POBBSTR	.0	- 0	.0	. 4	.0
39 1.07:	REMOTE SENSING	.0	.0	.0	-0	.0	. 2	.0
3P 2.01:	INAUNIORA & PEDEFICIT OL LO	DREST RES	.0	.0	- 6	.0	.0	.0
BP 2.02:	TIMBER MANAGEMENT	.0	.0	.0	2.0	2.0	.4	.0
27 2.03;	POREST PROTECTION	•0	.0	.0	1.0	1.0	.3	.0
BP 2.05:	POREST WATERSEEDS, SOILS,	POLLUTIO:	.0	.0	.0	-0	.0	.0
RP 3.01:	COSR	.0	-0	.0	.0	.0	1, 7	.0
SP 3.02;	GBFIR SOBCROR	.0	.0	.0	.0	.0	.0	.0
10 3.03;	*RHAT	4.5	.0	.0	.0	4.5	20.4	.0
3P 3.04:	SHALL GRAINS OTHER THAN WE	=	.0	.0	.0	.8	8.6	.0
RP 3.05;	BICE		.0	•0	-0	• 0	.0	.0
BP 3.06:	SOTBRANS	.0		.0	_0	. 0	. 8	.0
RP 3.08:	20012	.0	.0			2.0	2.6	.0
89 3.09:	PORAGE, RANGE, 6 PASTURE	2.0	.0	-0	.0			.0
1P 3.121	PRU CROPS & MINOR OILSEADS	7.1	.0	.0	.0	7-1	7.1	
BP 3.13:	FROIT	3.5	•0	.0	.0	3,5	3.9	.0
		.0	.0	.0	-0	-0	.7	-0
BP 3. 19:	TEGRINELE CROPS	-0	-0	.0	-0	.0	4.5	-0
RP 3. 151	PLINTS TO REPLACE THE ENGI	.9	- 0	.0	•0	.9	.5	-0
EP 4.01:	9225	.5	.0	-0	-0	-5	6.7	.0
BP 4.02:	DAIRT	.0	-0	.0	.0	.0	1. 2	.0
ap 4,03:	POULTET	.0	.0	.0	-0	.0	, a	-0
RP 4.04:	SEEEP	.0	-0	.0	•0	.0	1-8	•0
BP 4.05:	set#B	.0	.0	. 0	-0	.0	2.0	.0
RP 4.06:	OTHER AMINALS (HORSES, GO)	ATS, PRTS	, LABORATOR	Y, ETC.)	.0	.0	•1	.0
27 5.Q1:	FOOD & MUTRITION	4.5	.0	.0	-0	4.5	. 2	.0
RP 5.02:	FOOD SEPERT	15.8	.0	.0	.0	15.8	1. 2	.0
2P 5.03:	SORAL ONTRLOPHRET & QUALITY	TT OF PAR	111 117116	.0	.0	.1	4.3	-0
9P 6.01:	PARM ADJUSTMENT, PRICES &		.0	.0	.0	.0	3. 1	.0
RP 6.02;	LOBBIGA TENTCATABLE ASTO				_0	_0	. 5	-0
R6 6.03	HFREETING & COMPRESSION	-0	.0	.0	.0	.0	2.1	.0
BP 7.01:	GEVERAL BREOURCE OR THERE	OLOGY	.0	.0	.0	17.0	18.3	.0
RP 9.01	GRCTT82111ED	17.0				.0	.0	.0
GRAND TO	37 & L	-0 66-4	.0 1.6	•0	.0 3.0	71.0	115.7	.0

ALLI

RESELECH PROGREM SOMMET

203f260n	SBOORED DARRET						
		185	BRS	PCS/885	79	USDA TOTAL	SABS
ap 1.01:	SOIL & LIND USB	-8	.0	-0	-0	.8	9.0
BP 1.02:	WITER 6 WITERSHEDS	3.6	.0	.0	٠.0	3.6	1.2
BP 1.03:	BECREATION	-0	-0	-0	.0	-0	.6
2P 1.04:	BRAIBORNEMATT GOTFILL	2.3	.0	.0	.0	2.3	4.2
RP 1.05:	BEATRED MODIFICATION FOR	AGBICULTU	BE & PORMS	18TE	.0	.0	.0
BP 1.06:	FISH & WILDLIPB	.0	.0	.0	.0	.0	.5
BP 2.01:	INVENTORY & APPRAISAL OF			.0	.0	.0	.0
RP 2.02:	TINDES SYNYCEPENT			.0	1.0	1.0	5.3
BP 2.03:	POREST PROTECTION	•0	-0				
RP 2.09:	HARTESTING PROCESSING 5 t	.0 MARKETING	.0 OF FORBST	.O PRODUCTS	13.0	13.0	1.2
BP 2.05:	PORRET PATERSHEDS, SOILS,	.0 . POLLUTIO	. O	.0	8.2	8.2	-0
RP 2.07:	PORRET RECREATION 6 ARSTS	•0	.0	.O	3.0	3.0	.3
BP 2.08:	ALTERVITE USES OF LAND	.0	.0	.0	.0	.0	.1
RP 3.01:	CORM	•0	- 0	.0	.8	. 8	.1
		3.0	-0	-0	.0	3.0	6.9
89 3.03:	VHEAT	3.0	.0	.0	-0	3.0	1.5
9P 3.04:	SHALL GRAIPS OTHER THAN 6	O.	.0	.0	.0	.0	.3
RP 3.06:	50192115	.5	-0	.0	-0	-5	7.6
RP 3.00:	50G1B	-0	.0	.0	.0	.0	1. 1
BP 3.09:	PORAGE, RANGE, & PASTURE	.0	.0	-0	-0	-0	3.2
BP 3.11:	TOBACCO	.0	-0	.0	.0	.0	. 8
BP 3.12:	NEW CROPS & HINOR OILSEE	. o	.0	.0	.0	-0	.0
BP 3.13:	PRUIT	1.5	.0	.0	.0	1.5	6. 2
BP 3.14:	VEGETABLE CROPS	1_1	• .0	.0	-0	1.1	9. 1
RP 3.15:	PLINTS TO BUBLUCE THE BUY	IROBERT B. 3	-0	.0	.0	8.3	8.3
BP 3.16:	BBES 6 OTRER POLICIPATING	INSECTS	.0	.0	.0	.0	. 2
BP 4.01:	8187	_0	.0	.0	.0	.0	4.4
RP 4.02:	DAIRY	.0	.0	.0	.0	.0	8.7
BP 4.031	POULTRY	•0	.0	.0	.0	.0	5.9
2P 4.04:	SHEEP	-0	.0	.0	.0	•0	3.0
RP 4.05:	SPINS						
9P 4.06;	OTHER AVIHALS (HORSES, GO	.0 LTS, PBTS	-0 , Liborato	.0 (L215 , 180	.0	.0	8,3
BP 4-07:	AQUATIC FOOD & PERDSTUFFS		.0	.0	•0	-0	.3
BP 5.01:	FOOD & HUTRITION	.0	-0	.0	.0	.0	.6
RP 5.021	POOD SAFETT	1.0	.0	.0	•0	1.0	2.0
BP 5.03:	RORAL DEFELOPMENT & QUALL	.0 TI OP PAN	.0 LLT LIVIUG	-0 :	.0	-0	2.6
	FARM ADJUSTMENT, PRICES 6	-0	-0	.0	.0	.0	6.4
		.0	- 0	.0	.0	-0	1.5

FIRER V	-8 STATE BUNHART OF SCI FEOGRAM SUMMARY	ert-teithei	hs poi	2 PT 1977			(balarei)		116
						USDL		ORTO	ORI FARRETT
		ABS		PCS/32S	13	TOTAL	SARS	ALLIANCE	FGBBSTBT SCBOOLS
89 6. UZS	FORBIGN AGRICULTURAL TRADE	• RCONORIC	. 0 . 0	TOSWBAL	.0	.0	.5	.0	.0
22 6.032	HABRETING & CONFETITION	-0	.0	.0	.0	.0	2. 1	.0	.0
89 7.012	CRNROAL RESOURCE OR TECHNO	LOGY							
		2.7	.0	.0	.0	2.7	3, 6	.0	.0
gp 9.31:	UWCLASSIFIED	• 0	.0	.0	-0	.0	.0	٠.	.0
GREAD TO:	TAL	27.6	.0	.0	26.0	53.6	117.8	.0	.0

OTB

BESBLECE PROGRAM SUMMARY

BRANTACE	AROCHES SOURCE:						
		ARS	38 5	PCS/SES	15	TOTAL	SABS
BP 1.01:	SOIL & LIND USB	.0	.0	-0	•0	.0	4.7
BP 1.02:	WATER & WATERSBEDS	•0	.0	- 0	•0	-0	1. 4
BP 1.03:	BECHEFLIOR	.0	. 0	-0	-0	.0	.6
RP 1.09:	SMAIBORNERATT GRITILL	-0	.0	.0	•0	.0	3.3
BP 1.05:	WEATHES HODIFICATION POR	AGRICOLTUI	BE & PORE	STBY .O	.0	_0	.9
BP 1.06;	PISH & WILDLIPE	.0	.0	-0	.0	.0	.7
RP 2.02:	TIEBES SLYAGEBERT	0	.0	• 0	.0	-0	.1
RP 2.03:	POBEST PROTECTION	.0	.0	-0	.0	-0	.3
RP 2.04:	HARVESTING PROCESSING & B	ABRETING C	P POBEST	PRODUCTS -0	•0	.0	.4
BP 2.06:	FOREST BINGE WILDLIPE & P	ISHERIBS F	D TITIBLE	EVELOPHENT .O	3.5	3.5	.0
RP 2.07:	FOREST RECREATION 6 ABSTE	Brics 6 07	B LANDSC	APR VALUES	.0	.0	1.0
RP 2.08:	ALTERNATE USES OF LIND	-0	.0	-0	3.5	3.5	.0
8P 3.01:	COBS	8.5	.0	-0	٠0	8.5	2.0
BP 3.02:	GRAIN SORGHON	.0	.0	.0	.0	.0	.2
BP 3.03:	TOBAT	1.4	.0	. 0	.0	1.4	3.5
RP 3.04;	SHALL GRAIMS OTHER THAN N		.0	•0	•0	1.6	2.6
BP 3.06:	SOTABLES	. 2	.0	.0	.0	.2	.3
RP 3.09:	PORIGE, RINGE, 6 PASTURE	.3	.0	.0	.0	.3	6.7
BP 3.12:	MEE CHOPS & MINOR OILSEED		.0	.0	.0	.6	1.6
86 3.13:	PRUIT	•0	٠-	.0	.0	.0	.4
RP 3.14:	VEGSTABLE CHOPS	-0	.0	.0	. 0	٠٥	.8
BP 3.15:	PLANTS TO BRHANCE THE ENT.		.0	.0	.0	.0	.8
BP 4-01:	BBBP	.0	.0	.0	.0	.0	9.0
BP 4.02:	DATRY						
RP 4.03:	POOLTRY	.0	.0	.0	.0	-0	3.7
RP 4.04:	SHEEP	.0	.0	.0	.0	.0	3.0
BP 4.05:	SWINE	.0	.0	.0	.0	-0	2.4
BP 4.06:	OTHER ANIMALS (BORSES, GO)				•0	.0	2.6
BP 4.07:	AQUATIC POOD & PREDSTOPPS	.0	.0	.0	.0	.0	. 4
BP 5.01:	POOD 5 RUTRITION	.0	.0	.0	.0	.0	. 2
BP 5.02:	FOOD SAPETY	.0	.0	.0	.0	.0	1.8
RP 5.03:	RUBAL DEVELOPMENT & QUALIT		TA TIĀING "0		.0	.0	. 8
BP 6.01:	PARE ADJUSTSERT, PRICES &		-0	.0	.0	•0	4.9
RP 6.03:	NARRETIEG & COMPETIZION	.0	.0	.0	.0	.0	2.2
RP 7-01:	GBESRAL PESOURCE OR TECHNO		.9	.0	•0	.9	1.9
BP 9.01:	UNCLASSIPIED	-2	.0	.0	-0	.2	11.7
GRAND TOT	AL.	-0 12-7	.0	.0	.0 7.0	.0 20.6	4.9 81.8
					109		

BLE T-	B STATE SUMMARY OF SCIE PROGRAM SUMMARY	NTIST-TBA	RS POR	PT 1977		(P 1	linast)		
		L BS	BRS	PC9/885	Ps	USDA TOTAL	SAES	INSTS	POREST SC#00
1.31:	SOIL & LAND OSB	.0	- 9	.0	•0	.9	6.8	.0	
1.02:	WATER 6 WATERSHEDS	-0	.1	- 0	.0	.1	-5	.0	
> 1.03;	RECESTION	-0	.0	_0	. 0	.0	-0	.0	
1.64:	BRAIBONWERLFT Önffilla	-0	2.0	_0	.0	2.0	7.4	.0	
1.05:	BEATHER HODIFICATION FOR AGE	ICULTURE -0	s Port	STRY . 0	.0	.0	.0	.0	
P 1.06s	FISH & WILDLIPE	•0	.0	• 9	.0	.0	4.5	.0	
P 1.07;	BENOTE SENSING	,0	.0	-0	.0	.0	. 2	.0	
2.01:	THESHIORY & APPRAISAL OF FOR			.0	.0	•0	1.0	.0	
P 2.02:	TIMBER MANAGEMENT	.0	.0	•0	16.0	16.0	3.1	-0	
p 2.03:	POREST PROTECTION				8.0	8.0	4.9	.0	
P 2.04:	HABSSTING PROCESSING & MARK				89.5	89.5	2.1	.0	
P 2.05:	POREST WATERSHEDS, SOILS, PO		.0	.0	•	3.5	.4	.0	
e 2.07:	FOREST BECERATION & ARSTHETI	.0 CS & OTH	-0 11805C	.0 APR VALDES	3.5				
P 3.01:	CORR	.0	•0	.0	-0	. 0	.0	.0	
P 3.02:	GRAIN SORGHON	.0	.0	-0	.0	.0	3.7	.0	
	BORAT	.0	. 0	.0	.0	.0	-1	.0	
	SMALL CRAIDS OTHER TRAN PHEA	-1 -	.0	•0	.0	.1	.7	.0	
		5.9	-0	.0	.0	5.9	1.9	•0	
	SOYBRAYS	.0	-0	•0	.0	.0	2.5	.0	
P 3.07:	PBANGTS	• 1	.0	.0	.0	-1	.0	.0	
iP J.09:	PORIGE, RANGE, & PASTURE	1-0	.0	•0	.0	1.0	6.9	.0	
IP 3,111	TOBACCO	D _ 0	.0	•0	•0	• 0	.6	-0	
iP 3,132	PROIT	-0	. 0	.0	.0	.0	9.2	.0	
12 3, 14:	PEGETABLE CROPS	3.8	_0	.0	.0	3.8	16, 1	- 0	
IP 3.15:	PLANTS TO BHUANCE THE ENVIRO	TRRHEC O.	.0	.0	.0	.0	2.6	.0	
1P 3.16t	BEBS 6 OTHER POLLISHTING IN	BECTS 4.0	- 0	.0	•0	4.0	3.0	.0	
IP 4-07s	B 88.5	.0	.0	.0	-0	.0	3.9	.0	
IP 4.02:	OATRY	.6	.0	.0	.0	.6	13- 1	.0	
P 4.03;	POULTRY	.2	.0	.0	.0	. 2	4.3	.0	
P 4.04:	SHEBP	.2	.0	.0	.0	. 2	1,2	.0	
BP 4.05:	SRINB	.0	.0	.0	-0	.0	3.3		
BP 9.06:	OTHER ANIMALS (BORESS, GOAT:	S, PBTS,	LABORA		.0	-0	1.5		
BP 4.07:	AQUATIC FOOD & FREDSTOFFS	•0	.0			.0	1. 1		
BP 5.01;	FOOD & MUTRITION	.0	.0	,0	.0		6.8		
BP 5.021	FOGD SAFETT	.0	-0	-0	-0	.0			
	RUBAL DEVELOPMENT & QUALITY	-0 OF PARIL	7 TIVI	-0 98	-0	•0	5.6		
	INSECTS APPECTING MAN & HIS	-0	-0	- 0	.0	.0	10.0		
	crumed accounted BAR & BLB	.6	.0	-0	.0	.0	1.1	.0	ı

TABLE Y-B STATE SUSHABI O	P SCIBNTIST-1	ERRS PO	R 21 1977		(PRICARY)
SESSIECE PROGREM SUMBLET	ARS	185	PC5/825	28	OSDA TOTAL	SARS
RP 6.01: PARE ADJUSTERNT, PRICE	s & INCOME .0	.0	.0	.0	.0	2.7
RP 6.02: FORRIGH AGRICULTURAL T	BLOB 6 BCGFOE	IC DEVE	LOPHEST . O	.0	.0	3.9
MP 6.03: BARKSTING & COMPRESSIO	.0	.0	.0	.0	.0	3,7
RP 7.01: GREENL RESOURCE OF TH	TDOLOUES 8.4	.0	.0	.0	4.8	25.0
GRAND TOTAL	20.7	3.0	.0	117-0	140.7	161.2

BTO L

P 3.14: VEGETABLE CROPS

P 4.01: BESP

P 4.02: DATES

P 4.03: POULTRE

P 4.04: SUBBP

P 4.05: SVINE

P 5.01: POOD 6 ROTRITION

F 5.02: FOOD SAFBYT

9 3.15: PLANTS TO BREAMCE THE BEYIRONBENT

P 3.16: SBES & OTHER POLLIBATING INSECTS

1.4

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P 4.06: OTBRE ABIHALS (BORSES, GOATS, PETS, LABORATORY, BIC-)

P 5.03: RUBAL DEFELOPMENT & QUALITY OF TANILY LIVING

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TABLE	A-B	STATE SUMMARY OF	SCIBNTIST-VELES	**-		
BESEARCE	BBOCKT N	SUMMARY	Zara i i i i i i i i i i i i i i i i i i	FOR	PŢ	1977

RP 5.04:	INSECTS APPECTING MAN	1Rs	ERS	PCS/SRS	PS	usda Total
		* HIS BELOW				
RP 5.05:	RESELECE ON ADMINISTRA	TTOM OF THE	•0	-0	.0	-0
	·	TION OF RES				
RP 6.01:	Flam adjustment, Price		.0	• 0	.0	.0
		→ INCONE				••
RP 6.02:	PORSIGH AGRICULTURAL TH	- 0	-0	-0	.0	•
	TOTAL TOTAL TERMINATE	ADE & BCONO	NIC DEVELO	THE DAY OF		-0
BP 6.03:		.n	.0	.0	-0	
	HARRITING & COMPETITION				••	- 0
RP 7-01:		-0	.0	-0		
'10',	GERERAL RESOURCE OF TRO	ROLOGY		••	•0	-0
GRAND TOTA		.0	-0	.0		
	ı.L	61.2			-0	-0
		01.2	2.6	- 0	31.0	04.0
						94.8

3 T-	P STATE SUMMARY OF SCI EGGRAM SOMMARY	ENTIST-IB	ARS POR	PY 1977		(21	e in a sy j		B C
KACB P	EUGRAN SUBBAKI	199	BBS	PCS/SRS	FS	DSDA TOTAL	SARS	OTH COOP	
.01:	SQIL & LAND USE		-	•		12.6			
	WATER C WATERSHEDS	12.6	-0	.0	-0		23.3	.0	
		12.5	.0	. 0	.0	12.5	12.4	•0	اء
1.03:	BECREATION	.0	.0	-0	.0	.0	2.8	.0	• 1
1.64:	ERAIBONSBATTI GOTTILLA	21.7	-0	-0	.0	21.7	28.8	.0	•
1.05:	WEATHER MODIFICATION FOR A	BICOLTURE .7	.0 .0	STRf .0	-0	.7	2.7	. a	
1.062	PISE & WILDLIPE	-0	.0	.0	•0	.0	5.7	.0	•
1.07:	DENOTE SENSING	•0	-0	.0	.0	.0	. 2	.0	-1
2.01:	INTERTORS 6 APPRAISAL OF FO	REST PESC	ORCES	.0	.0	-0	5.7	.0	
2.02:	TIMBER SAPACEMENT	.0	-0	•0	13.8	13.8	4.6	.0	
2.93:	POREST PROTECTION						10.6	•0	
2.04:	HARPESTING PROCESSING & HA	.0 RKBTING OI	.0 PORBST	_0 PRODUCTS	32.2	32.2			
2.051	POREST WATERSHEDS, SOILS,	.0	.0	-0	.9	-9	14.5	•0	•
		.0	.0	.0	11.9	11.9	2. 1	.0	•
2.06:	POREST RANGE WILDLIPE & FI	.0	.0	-0	5.0	5.0	2.7	.0	•
2.07:	POREST RECREATION & ABSTHE	.0	LANDSO	.0	-0	.0	1.5	.0	•
2.08:	ALTERNATE USES OF LAND	.0	.0	•0	5.7	5.7	.5	.0	•
2.09:	TECHINICAL ASSISTANCE	.0	-0	-0	.0	.0	. 1	.0	
3.01:	COBM	.7	-0	•0	.0	.7	1.2	.0	
3.02:	GRAIN SORGBUN	.0	-0	-0	.0	.0	.2	.0	
3.03:	WHEAT	10.5	.0	.0	.0	10.5	3.7	.0	
3.041	SHALL GRAINS OTHER THAN WE					.7	2.5	.0	
3.05:	RICE		-0	.0	.0			.0	
3.061	SOFREARS	1. 5	.0	-0	.0	1.5	4.0		•
		-7	•0	.0	-0	.7	6.7	.0	•
3.08;	20018	7.6	.0	.0	.0	7.5	2.8	- D	•
3.09:	FORIGE, RANGE, 6 PASTORS	10-6	.0	.0	.0	19-6	22.7	.0	•
3.10:	COTTON	9.5	.0	-0	.0	9-5	14. 1	.0	
3.12:	WENT CHOPS & BINGS OILSBEDS	3.8	_0	_0	.0	3.6	4.3	. 0	, ,
3. 13:	PROIT	34.1	.0	.0	.0	34.1	70.2	.0	, ,
3, 14;	TEGETABLE CEOPS	27.0	-0	.0	.0	27.0	34.0	.0	ı .
3. 15 :	PLANTS TO BURANCH THE ESTA	BOUNDET		.0	•0	•7	15. 1	.0	ļ .
3.16:	BBBS & OTHER POLLIMATING I		.0				5.4	. (
	8227	. 0	.0	-0	-0	.0			
	DAIBY	.4	.0	.0	.0	٠,	11.3		
		.4	.0	.0	-0	. 9	7.9	•0)
	POULTET	6-4	-0	.0	.0	6.4	12.2	•0)
4.04:	98889			. •	. 0	22, 2	5.1		1

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P 4.06: OTHER ANIMALS (BORSHS, GOATS, PHTS, LABORATORY, MYC.)

22-2

.0 .0 .5 .0

4.05: SWIME

						(ANTENNA
': AQUATIC POOD & PERDS	les Topps	TRS	PCS/SRS	Ps	USDA Total	Saes
		-0		-0	.0	5.4
: POOD SAPETY	19_9	-0	-0	.0	19.9	27-2
BURAL DRYRLOPHENT & Q	12.5 VALITY OF WIL	.0	-0	-0	12.5	13.8
INSECTS APPROTING HAW	.O	-0	-0	.0	0	17.4
			-0	-0	.8	11.5
		- 0	•0	-0	.0	. 9
		-4 (TC Dawn	•0	-0	-4	2. 2
HARRETING & COMPETITION	16.6	-0	.O.	-0	16.6	2,7
GENERAL RESOURCE OR THO	1.4 HMOLOGY	3.5	•0	-0	4.9	5.7
	21.4	-0	-0	-0	21.4	115, 3
L	-0	•0	•0	.0	-0	1.0
	49/eB	3.9	-0	69.4	330.9	548.3
	7: AQUATIC POOD & PREDS: 2: POOD & MUTEITION 2: POOD SAPRTY 3: RUBAL DRYBLOPHENT & Q 3: INSECTS APPECTING MAN RESEARCH ON ADMINISTRA PARM ADJUSTMENT, PRICE PORRIGH AGRICULTURAL T. HARKETING & COMPETITION	ARS POOD & MUTRITION 19.9 POOD SAPRTY 12.5 RUBRAL DRYMLOPMENT & QUALITY OF FAIR OF THE PROOF OF THE PRO	ARS PRS 1 AQUATIC FOOD & FREDSTOFFS 2 POOD & MUTRITION 19.9 2 POOD SAPRITY 12.5 3 RUPAL DEFELOPMENT & QUALITY OF FAMILY LIVING 2 O O 1 INSECTS AFFECTING HAW & HIS BELORGINGS 3 8 0 RESEARCH ON ADMINISTRATION OF RESEARCH 20 -0 FARM ADJUSTMENT, PRICES & INCOME 40 -0 FOREIGN AGRICULTURAL TREDE & MCONCHE DEVELOR 16.6 GREENLA RESOURCE OR TECHNOLOGY 21.4 UNCLASSIFIED 0 0 0	ARS PRS PCS/SRS AQUATIC FOOD & PREDSTOPPS 1 POOD & MUTRITION 19.9 .0 .0 RUPAL DRYRIOPHENT & QUALITY OF FAMILY LIVING .0 .0 RUPAL DRYRIOPHENT & QUALITY OF FAMILY LIVING .0 .0 RESEARCH ON ADMINISTRATION OF RESEARCH .0 .0 .0 PARM ADJUSTMENT, PRICES & INCOME .0 .0 PORRIGH AGRICULTURAL TRIDE & ECONOMIC DRYRIOPHENT .0 MARKETING & COMPETITION 1.4 3.5 .0 GRNEBAL RESOURCE OR TECHNOLOGY 21.4 .0 .0 UNCLASSIFIED .0 .0 .0 .0	ARS PRS PCS/SRS PS 1 AQUATIC FOOD & PREDSTOPPS 1 POOD & MUTRITION 19.9 .0 .0 .0 .0 19.9 .0 .0 .0 RUPAL DEVELOPMENT & QUALITY OF FAMILY LITTING 10 .0 .0 .0 .0 RESEARCH ON ADMINISTRATION OF RESEARCH 10 .0 .0 .0 .0 PARM ADJUSTMENT, PRICES & INCOMMIC DEVELOPMENT 16.6 .0 .0 .0 MARKETING & COMPETITION 1.4 3.5 .0 .0 UNCLASSIFIED 10 .0 .0 .0 .0 UNCLASSIFIED 10 .0 .0 .0 .0 10 .0 .0 .0 .0 11 .4 .0 .0 .0 .0 12 .4 .0 .0 .0 .0 13 .4 .5 .0 .0 .0 UNCLASSIFIED 10 .0 .0 .0 .0 .0 .0	ARS RRS PCS/SRS PS TOTAL 10

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OTH COOP FOREST. SAES INSTS SCHOOL

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OSDA TOTAL

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98	1.06;	PISH & WILDLIPE	.2	.0	.0	.0	•2	.4	.0	
RP	1.07:	REMOTE SEESING			• •					Ī
			-0	.0	-0	.0	.0	.7	.0	,
8.2	2.01:	INTENTORY & APPEALSAL OF FORE	49 825000	CRS						
			-0	-0.	-0	7.0	7-0	. 1	-0	۱.
86	2.021	TIBBER HANAGEMBET								
			.0	.0	.0	3.0	3.0	.0	-0	٠
86	2.03;	POREST PROTECTION								
			.0	.0	.0	13.2	13.2	-0	.0	•
86	2-04;	HARVESTING PROCESSING 6 MARKE						_		ı
			.0	.0	-0	4.0	4.0	.7	.0	•
₽.6	2.05:	FOREST WATERSHEDS, SOILS, POL	.O LUTION	Δ.	•	9.4	9.4	.6	.0	
	- 4-		• -	-0		7.4	3.4	• 6	• •	•
₽P	2.06:	POREST RANGE WILDLIPE & FISSE	BIBS HABI:	TAT DEVELO	PRENT . O	5.0	5.0	.0	.0	
	2.07:					J. V	3.0	••	••	•
-3.5	2.0/1	POREST RECREATION & ARSTHETIC	S & OTH L.	ANDSCAPB V	ALUBS .O	2.5	2.5	.1	.0	
80	2.08:	ALTERNATE OSES OF LAND								
	•		.0	.0	.0	2.0	2.0	.0	.0	
BP	3.01:	CORM								
		•	.0	-0	.0	-0	-0	2.7	.0	
86	3.02:	GRAIN SORGRUE								
		•	.0	-0	-0	•0	-0	.6	.0	• 9
BP	3.03;	GREAT	_	_		_	_			
_		·	, 4	.0	-0	.0	-4	7.8	.0	٠,
86	3.04:		. 0	-0	.0	.0	-0	3.6	.0	. d
	2 00.		·V		• 0		••	3.0		•
ar	3.06:	SOYBEAMS	.0	.0	.0	-0	•0	.0	.1	. d
RP	3.08:	·								
	-400,	\$.	5	.0	.0	.0	4-5	1.0	.0	٠.
ЯP	3.09:	PORAGE, BANGE, & PASTORE								I
		5.	7	.0	.0	.0	5.7	11.3	.0	•0
89	3. 13:	PROIT								ŀ
1		•	0	.0	.0	.0	.0	4.6	.0	٠d

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RP 9.06: OTRES INIBALS (RORSES, GOATS, PRTS, LABORATORY, RTC.)

RP 5.03: RURAL DEVELOPMENT & QUALITY OF PARILY LIVING

RP 5.04: INSECTS APPROTING HAR 6 HIS BELORGINGS .0

RP 5-05: RESERVE OF ADMINISTRATION OF RESERVED .0 .0

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BBS FCS/SRS

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TABLE V-B

BESEARCH PROGRAM SUMMARY

BP 1-01: SOIL & LAND USE

RP 3-14: TEGETABLE CROPS

BP 4.01: BREF

BP 4.02: DAIRT

RP 4.03: POOLTRY

SHREP

SHINE

RP 5-01: FOOD 5 BUTRITION

RP 5.02: FOOD SAFETY

RP 4.07: 100ATIC FOOD & PREDSTOPPS

RP 4.04:

RP 4.05:

MP 3-15: PLANTS TO BRHANCE THE BUVIEOUSENT

BP 1.02: WATER & WATERSHEDS

RP 1-04: BRYIBONKBRTAL QUALITY

RP 1.05: WEATURE SODIFICATION FOR AGRICULTURE & PORRETRY .0

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TABLE	A - B	STATE	5020181	01	SCIBRTIST-IBABS	Pôb	PY 1977		
RESEASCE	PROGREE	SOMBA	ŶY						
					ars b	88	PCS/888	PS	U

		ARS	383	7C5/5BS	PS	USDA TOTAL	ļ
RP 6.01:	PARE ADJUSTMENT, PRICES &	.0	2.2	.0	-0	2.2	
BP 6.02;	PORBIGN AGRICULTURAL TRAD	NOWOOR & BU	IC DEVELO	THENTO.	-0	.0	
BP 6.03;	SABESTING & COMPRESSION	.0	.0	.0	.0	.0	
BP 7.01:	GEREBAL RESOURCE OF TECHP	OLOGY 4.2	.0	.0	-0	4.2	
RP 9.01:	UNCLASSIFIED	-0	.0	•0	.0	.0	
GRAND TOT	AL	48.5	5.5	.0	46.0	100.0	16

(PRIH

	Y-B STATE SUMMARY OF SCI.	RWTIST-TB	ARS PO	B PT 1977		ſ	PBIAABY)		9 S
		ARS	ERS	PCS/SNS	PS	USDA TOTAL	3185	OTH COOP INSTS	FOREST ST SCHOOLS
PP 1.01:	SOIT & TYND GSB	.0	٠0	.0	.0	.0	4.9	.0	. a
BP 1.02:	WATER & WATERSREDS	.0	.0	.0	.0	.0	1.3	.0	.0
RP 1.04;	ENVIRONMENTAL QUALITY	.0	.0	•0	.0	.0	2.7	.0	.0
BP 1.05:	WEATHER HODIPICATION FOR AGE								
8P 2.01:	INVENTORY & APPRAISAL OF FOR	BST RESOU			.0	.0	.3	.0	-0
BP 2.02:	TIMBER MANAGEMENT	.0		-0	.5	-5	.0	-0	.0
BP 2.03:	FOREST PROTECTION	.0	.0	•0	5.2	5.2	.6	.0	-0
8F 2.04:	HARVESTING PROCESSING 6 MAPK				2.0	2.0	.9	.0	. 0
BP 2.05:	POREST WATERSHEDS, SQLLS, PO	LLUTION	.0	•0	.0	.0	1.0	.0	.0
RP 2.06:	POREST PANGE WILDLIFE & FISH			.O EVBLOPMENT	1.5	1.5	. 4	.0	-0
BP 3.01:	COBX	.0	.0	•0	1.9	1, 9	•0	.0	-0
BP 3.02:	CRAIN SORGHUB	:0	-0	•0	.0	-0	2.9	.0	.0
BP 3.05:	RICB	•0	.0	.0	.0	.0	.1	.0	• D
RP 3.06:	SOTERANS	.0	.0	.0	.0	-0	.0	.0	•0
RP 3.08:	SUCAR	.0	.0	.0	.0	.0	.6	.0	.0
BP 3.09:	•	2.2	.0	.0	.0	2.2	2.2	.0	٠٥
	PORAGE, BANGE, & PASTURE	-0	.0	•0	.0	.0	4.1	.0	.0
BP 3.12:	REW CROPS & BINOR OILSERDS	.0	.0	.0	.0	.0	1.9	-0	.0
EP 3.13:		0.9	.0	.0	.0	10.9	21.4	.0	.0
BP 3.14:	VEGSTABLE CROPS	. 9	-0	.0	. a	. 9	10.4	.0	.0
BP 3.15:	PLANTS TO BUHANCE THE ENVIRON	.0	.0	.0	.0	.0	10. 1	.0	.0
EP 4.01:	BBEP	.0	.0	.0	.0	.0	2.7	.0	.0
RP 4.02:	DATRY	.0	.0	.0	.0	.0	1.6	.0	.0
BP 4.03:	POOLTRY	.0	-0	.0	.0	.0	2.2	.0	.0
RP 4.05:	SHINB	.0	.0	.0	.0	.0	. 6	•0	_0
BP 4.06:	OTHER ANIMALS (HORSES, GOATS,	PETS, LE	808110)81, 21C.)	.0	.0	.4	.0	.0
BP 4.07:	AQUATIC POOD & PREDSTUPPS	•0	.0	.0	.0	.0	.5	.0	.0
BP 5.01:	FOOD & NUTRITION	.0	.0		.0	.0	4.5	.0	.0
BP 5.02:	FOOD SAFETY	.0	.0	.0	.0	.0	4.2		.0
BP 5.03:	RUBAL DEVELOPMENT & QUALITY O	-			.0	-0	2.6		.0
BP 5.04:	INSECTS APPROTITE HAY & HIS B			.0	.0	.0	•2	.0	.0
1P 5.05;	RESEARCE OF ADMINISTRATION OF			.0	.0	.0	.2	.0	-0
RP 6.01:	PARE ADJUSTMENT, PRICES & INC	ONB	.0		.0	.0	1.5		
P 6.02:	PORRIGE AGRICULTURAL TRADE &		DETRLO	O. Tubbe				.0	-0
P 6.03:	HARRETING & COMPRETITION	.4	•0	.0	•0	.4	•6	.0	•0
D 7 01.	CRARLE RECORDE OF CRARLES	. 0	.0	.0	•0	.0	3.2	.0	-0

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P 7.01: GENERAL RESOURCE OF TECHNOLOGY

P 9.01: DUCLASSIPIED

RAND TOTAL

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		ARS	288	PCS/SBS	PS
BP 1.01:	soft e true ass	6.5	.0	- 0	.0
8P 1.02:	WATER & WATERERDS	11.2	.0	-0	.0
RP 1.03;	BECERATION	.0	.0	.0	٥,
BP 1.04:	BUVIROURBETAL QUALITY	4.5	-0	•0	.0
RP 1.05;	SEPTER NODISTICATION ASSETTED	AGBICULTOBE .0	& FORES	TRY .C	.0
BP 1.06:	PISA & WILDLIPE	-0	-0	.0	.0
RP 2.01:	INVENTORY & APPRAISAL OF	POREST R¥SO	PECES • D	.0	-0
BP 2.02:	TIMBER HANAGEMENT	•0	۰0	.0	9.4
RP 2.03:	POREST PROTECTION	•0	.0	.0	7.5
RP 2.04:	Harpesting Processing 6 H				.0
RP 2.05:	FORBST WATERSARDS, SOILS,		.0	.0	4.1
ar 2.06:	POBBST PANGS WILDLIPS & P	ISBERIRS AA	BITAT DE	REFORMENT	2,0
BP 2,07:	POREST BECREATION & RESTR	.0 BTICS_S OTU	rradecy .0	PR VALUES	
RP 3.01:	COSK	.0	.0	.0	.0
ap 3.02;	CBAIN SORGHUN	.0	.0	.0	.0
89 3.03:	WHEAT	.0	-0	.0	.0
95 3.04:	SHALL GRAINS OTORE THAN W	1, 1 HBAT	-0	.0	•0
BP 3.06:	SOTERANS	1.0	-0	-0	-0
RP 3.08:	SUGAR	-0	٠.0	•0	•0
BP 3.09:	PORAGE, RANGE, & PASTORE	•5	.0	.0	-0
BP 3. 12:	NEW CROPS & MINOR OILSERD	1.8	.0	.0	•0
		.0	•0	. 0	-0
RP 3. 13:	PROIT	.0	.0	.0	.0
8P 3.14:	PEGETABLE CROPS	2.5	.0	•0	.0
RP 3. 15:	PLANTS TO EMBLACE THE BAY.	.0	.0	-0	.0
RP 3.16;	BERS 6 OTHER POLITIFIED	.O	.0	•0	.0
RP 4.01;	BERP	•0	-0	-0	.0
EP 4.02;	DIEL	.0	-0	•0	.0
8P 4.03t	POULTRE	.0	-0	.0	.0
RP 4.04:	SHEED	5.0	.0	.0	•0
3P 4.06:	OTHER ANIMALS (NORSES, CO.	.O	ABORATO O	RT, BTC.)	.0
99 5.01;	HOLFIELDH & GOOS	.0	.0	.0	-0
BP 5.02:	POOD SAPBTY	.0	.0	.0	۰0
BP 5.03:	ROBAL DEVELOPMENT 6 QUALITY	-0 TIME TO YT	f LIVING	.0	.0
RP 5.04:	INSECTS APPROTING MAR & H	.0 O	.0	•0	.0
BP 5.05;	BESEARCH ON ADMINISTRATION	OF BESEAR	D D	.0	.0
BP 6.01;	PARM ADJUSTMENT, PRICES &	INCOMB	-0	•0	.0

ABS RRS FCS/SRS PS TOTAL SARS INSTS SCROOL 6-02: FORBIGN AGRICULTURAL TRADE 6 ECONOMIC DRYBLOPHENT -0 -0 -0 -0 -0 -9 -0 6-03: MARKETING 8 COMPRITION -0 -0 -0 -0 -0 1.1 -0 .7 7.01: GENERAL RESOURCE OR TECHNOLOGY -0 -0 -0 -0 3.5 -0 .7 9-01: UMCLASSIFIED -0 -0 -0 -0 -0 -0 -6 -0										
-0 .0 .0 .0 .0 .9 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0			ARS	BRS	PC 9/5B\$	P 9		5175	OTE COOP THSTS	FOBBSTS SCROOT
.0 .0 .0 .0 1.1 .0 .7.41: GENERAL RESOURCE OR TECHNOLOGY .0 .0 .0 .0 .0 3.5 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	6.02:	FORBIGH AGRICULTURAL	TRADE & ECONOR	C DETE		.0	-0	.9	.0	
.0 .0 .0 .0 3.5 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	6-03:	HARRETING & COMPRETITION	.0	-0	.0	_0	.0	1.1	.0	-
.0 .0 .0 .6 .0	7.01:	GRHERAL RESOURCE OF T	FCUROTOCA	.0	.0	-0	. 0	3, 5	.0	•
WD TOTAL 34.0 ,0 .0 23.0 57.0 76.4 .0 25.	9.01:	UNCLASSIFIED	.0	.0	.0	.0	.0	.6	.0	
	ND TOT	al	34.0	.0	•0	23.0	57-Q	76.9	.0	25.

(PBldart)

LE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

BARCH PROGRAM SCHEART

BD 2 45.		.0	-0	.0
EP 2.04:	HARYESTING PROCESSING &	SERVETTED A		
		. HERWATTERS OF	LEARON	PRODUCTS
		.0	.0	- 0
RP 2.05:	PARSAS			
	FOREST WATERSHEDS, SOIL			
		-0	-0	.0
RP 2.06:	MARKET			• • •
4. 2,00;	FOREST BANGE WILDLIPE &	PISHEBIES BA	BITAT DE	VELOPMENT
		-0	.0	.0
RP 2.07	SODREM PROPERTY.			••
	POSEST BECREATION & ARS	THETICS & OTH	LANDSCAL	E VALUES
		• 0	.0	• 0
EP 2.08:	AT BURNAGE			• 0
	ALTERNATE USES OF LAND			
		•0	_0	

.0 BP 2.09: TECHINICAL ASSISTANCE -0 -0 EP 3.01: CORN .0 RP 3.02: GRAIN SORGHON .0 . 0

BP 3.03: WHEAT RP 3.04; SHALL GRAIMS OTHER THAN WHERT 7.1 3.1

RP 3.09: PORAGE, RANGE, & PASTURE

RP 3.12: NEW CHOPS & MINOR GILSREDS

RP 3. 15: PLANTS TO ENHANCE THE ENVIRONMENT

BP 2.03: FOREST PROTECTION

RP 3.08: SUGAR

BP 3.13: FRUIT

RP 4-01: BEEF

BP 4.02: DAIRY

RP 4-03: POULTRY

BP 4.04: SHEEP

RP 4.05: SWINE

BP 5..01: FOOD & MUTRITION

RP 3.14: VEGETABLE CROPS

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DEVELOPMENT SCAPE VALUES

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RP 4.06: OTHER AWIHALS (HORSES, GOATS, PRTS, LABORATORY, RTC.)

UBAT, DEVELOPMENT & QUALITY OF PARILY LIVING

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SBIRCK PROGRAM SUMMANY

BRS	PCS/SR8	PS	osda Total	3183	OTH COOP 18518	PORES I
.0	.0	.0	.0	1.5	.0	
.0	.0	53.6	78.6	65.3	.0	4
	.0	.0 .0	.0 .0 .6	RRS PCS/SRS PS TOTAL	BRS PC5/SRS PS TOTAL SABC	ers PCS/SRS PS TOTAL SAES INSTS

si

BESBARCE PROGRAM SUMBART

	•	3 8 5	ers	FCS/\$RS	PS	USDA TOTAL	
BP 1.01:	SOIL & LAND USB	-0	.0	•0	- 0	.0	
8P 1.02:	WATER & WATERSHEDS	•0	٥.	.0	.0	-0	
BP 1.03:	BECREATION	٠0	.0	•0	.0	.0	
BP 1.04;	BBVIROPHERTAL QUALITY	.0	.0	•0	•0	-0	
RP 1.05:	SESTER MODIFICATION POR S	GRICULTO .O	er e Pobes	TRT .0	-0	-0	
BP 1.06:	PISH & WILDLIPE	.0	.0	٥.	.0	•0	
BP 1.07:	PRIOTE SENSING	.1	.0	.0	.0	.1	
BP 2.01:	INABALORI & PANSTRY ON L	OREST RB	SOURCES .0	0	1.2	1-2	
BP 2.02:	TIMBES NAMAGEREET	.0	-0	.0	.0	.0	
BP 2-03:	POREST PROTECTION	.0	-0	.0	.0	.0	
BP 2.05;	POREST WATERSHEDS, SOILS,	FOLLOTIO:	. O	-0	.8	-8	
BP 2.061	POREST SANGE WILDLIPE 6 FI	SRBEIBS	er ettibib 0.	TELOPARKT 0	-0	-0	
BP 2.07:	POBEST BECREATION & ABSTHE	11C5 & 0	TS LANDSCA 0.	PE VALOES	-0	.0	
BP 2.081	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	
BP 3.03:	TABLE	-0	-0	•0	-0	.0	
8p 3.04:	SHALL CRAIMS OTHER THAN WH	BAT_0	.0	.0	.0	.0	
BP 3.08:	SUGAR	.0	.0	•0	•0	.0	
BP 3.09:	FORAGE, SANGE, 5 PASTURE	#.B	-0	.0	٠.0	4.6	
RP 3.14:	FRORTABLE CROPS	-0	.0	•0	-0	.0	
BP 3.15:	PLANTS TO ENGLUCE THE BRVI	POYMENT . D	.0	.0	-0	.0	
BP 3.16:	BBBS 6 OTHER POLLIMATING T	#SECTS .0	.0	•0	-0	-0	
RP 4.01:	BESF	.0	.0	.0	•0	.0	
BP 4.02:	DAIST	•0	.0	.0	.0	.0	
BP 4.04:	SHESP	.0	.0	.0	•0	.0	
RP 4.06:	OTHER ANIMALS (BORSES, GOA	TS, P RT S			-0	.0	
RP 4.07:	AQUATIC FOOD & PEEDSTOPPS	.0	. 0	.0	.0	•0	
BP 5.01:	ROOD & MUTBITION	.0	_0	.0	.0	.0	
RP 5.02;	FOOD SAPETY	.0	.0	.0	.0	.0	
BP 5.03;	BORAL DEVELOPMENT & QUALIT				.0	-0	
RP 6.03;	MARKSTING & COMPRESSION	-0	.0	.0	.0	.0	
RP 7.01:	GREEFF BESONECE OF TECHNO		.0	.0	-0	.0	
BP 9.01;	UNCLASSIFIED	.0	.0	.0	.0	-0	
GRAND TOT	AL	4.9	-0	.0	2.0	6.9	;

TRELE		TATE SUMMARY OF S	CIBBTIST -	TRABS POR	Pt 1977			(PBIMABY)		
BESBARC	S PROGRAM S	YXLHD								
			ARS	285	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP	1
BP 1.01;	1 a 1108	AND USB	. 2	.0	-0	.0	. 2	3,9	.0	
PP 1.02:	WATER 6	WATERSHEDS	3- 1	. 0	.0	.0	3. 1	. 9	.0	
RP 1.034	RECHEATI	ОИ								
BP 1.04:	: Buvirone	Buthl quality	-0	-0	-0	.0	•0	. 4	.0	
BP 1.05:			•0	.0	-0	.0	. 0	1.8	-0	
		HODIFICATION FOR	.4	.0	.0	.0	. 4	.4	-0	
BP 1.06:	: ¥IS8 & W	1LDL1PB	.0	.0	• 0	-0	• 0	.7	.0	
BP 2.02:	H RESELT	ANAGRHENT	-0	-0	• 0	.0	.0	1.8	.0	
BP 2.03:	POREST P	ROTECTION	-0	. 0	,0	.0	.0	1.9	.0	
PP 2.04:	HARVESTI	NG PROCESSING 6 MI	REETING (P FOREST	PRODUCTS					
BP 2.05:	PORBST W	ATBREBBDS, SQILS,	POLIBIION	.0	-0	.0	-0	. 2	-0	
RP 2.06;		ANGB WILDLIPE & PI	.0	.0	.0.	2.3	2.3	.4	-0	
		smon attoffice o t	.0	.0	,0	.7	- 7	.7	- 0	
BP 3.01:	COBR		.0	.0	.0	.0	.0	. 9	-0	
RP 3.02;	GRAIN SO	RGHON	.0	.0	. a	-0	.0	1.9	.0	
BP 3.03:	FIBER		.0	.0	.0	.0	-0	.7	.0	
BP 3.04:	SHILL GR	.IUS OTHER THAP WE	BAT							
9P 3.06;	SOYBBARS		.0	•0	.0	.0	•0	1.0	.0	
BP 3.07:	PRANOTS		.0	.0	.0	.0	.0	- 1	_ D	
RP 3.08:			.0	.0	.0	.0	-0	.5	.0	
	SUGAP		.0	-0	٠.٥	.0	-0	•1	. 0	
BF 3.09;	PORAGE, 9	AMGE, 6 PASTURE	3.7	• 0	.0	.0	3.7	18.1	· •0	
BP 3.10:	COTTON		5.3	• 0	.0	.0	5.3	8.0	.0	
19 3.12;	иви своря	& SINGE OTLEREDS	.0	. 0	.0	.0	.0	1.4	.0	
BP 3-13:	PBULT				•					
RP 3-14:	7263 71 812	CROPS	.0	• 0	-0	.0	٠0	3.5	•0	
IP 3.15:			.0	-0	_0	.0	.0	6.9	-0	
		ERSTRUE 188 BRAIL	.0	.0	.0	-0	.0	- 2	40	
P 4-01:	9 9 B F		1.2	-0	.0	-0	1.2	9.4	-0	
P 4.02;	DAIRE		.0	.0	.0	.0	. 0	. 1	.0	
IP 4.03;	POULTRY		.0	.0	-0	.0	.0	.1	.0	
P 4.04;	98888		. 1	-0	_0	.0	.1	1, 1	.0	
P 4.06:	OTHER AND	ILLS (BORSES, GOLT	s, Pats,	LABORATOR	I, BIC.)					
	POOD & 907		.0	-0	-0	.0	.0	.3	.0	
		PLIATE S THERPOLI	.0	•0	-0	.0	.0	1.3	.0	
			.0	.0	-0	-0	.0	3.9	-0	
		TERNT, PRICES & I	.0	-0	-0	-0	.0	. 6	.0	
P 6.03;	915 XETI #6	* COMPARITION	.0	-0	.0	-0	.0	4.7	.0	
9 7.01:	GEWERAL RI	SOURCE OF TECRNOL	.0	.0	-0	.0	.0	2. 4	,0	
P 9.01:	GACTTEST LI	20	.0	.0	.0	•0	.0	.7		
RAUD TOY	AL		14.0	.0	.0	.0 3.0	17.0	80.9	.0 .0	

TABLE	8-4	STATE	50881Bf	o P	SCIENTIST-YELDS	POR	*1	1977

RESEARCH PROGRAM SUBBART

25524808	PROGRAM SUMMARY					
		ABS	BBS	PCS/SBS	75	
RP 1.01:	SOIL & LAND USE	2.0	-0	_0	.0	
BP 1.02:	WATER 6 WATERSHEDS	4.4	t= 0	.0	.0	
BP 1.03;	BECBRATION	-0	.0	.0	.0	
RP 1.09:	BRAILORURALTY (OFFILE	•0	-1	.0	-0	
RP 1.05:	SEATHER MODIFICATION FOR	AGRICULTUE	28809 3 86 0.	.0	.0	
RP 1.06:	PISH 6 WILDLIPS	_0	.0	.0	.0	
BP 2.01:	INTENTONY 8 APPRAISAL OF			.0	11.0	
BP 2.021	TERREDEELS REPRIT	.0	.0	.0	16,6	
RP 2.03:	POSEST FROTECTION				26.4	
#P 2.04:	BARYESTING PROCESSING B	.0 NABERTING (.0 F FOREST	-0 PBODUCTS		
BP 2.05:	POREST WATERSHEDS, SOILS		۰۵.	•0	11.3	
RP 2.06:	POREST GINGE WILDLIPE 6	.0 FISHBBIBS E		ABFOBBAL 0.	5.5	
RP 2.07:	POREST RECREATION & ARST	.0 BRTICS & GI	-0 PH LANDSCA	.0 PB VALUES	6.0	
RP 2.08:	ALTERNATE USES OF LAND	•0	.0	.0	-0	
BP 3.01:	COBR	•0	•0	-0	1.3	
		.0	-0	.0	• 0	
BP 3.03:	SHEAT	2.0	-0	.0	•0	
RP 3.04:	SHALL CHAINS OTHER THAN	.4	-0	.0	-0	
BP 3.06:	Sotbeins	-0	-0	.0	.0	
BP 3.09:	PORAGR, RANGE, 6 PASTURE	5.5	.0	.0	-0	
BP 3.12;	NEW CROPS & SINOR CILSES	DS 4-3	.0	.0	.0	
RP 3.13:	PRUIT	2.0	.0	.0	٠٠,	
RP 3.14:	VEGETABLE CROPS	1.0	.0	.0	•0	
BP 3.15:	PLANTS TO BRHANCE THE RE	TKENNENT 4-0	-0	-0	.0	
39 3.161	BEES 6 OTHER POLLISATING	O.	-0	-0	.0	
BP 4.01t	1229	.4	1. 2	.0	.0	
RP 4.02:	DATET	.0	• 0	.0	.0	
RP 4.03:	POULTEI	.0	-0	.0	.0	
RP 4.04:	SHBBP	.0	.0	.0	.0	
BP 4-05:	SEINE	.0	-0	.0	.0	
RP 4.06:	OTHER AVIHALS (HORSES, G			BT, BTC.)	.0	
BP 4.07:	AQUATIC POOD & PEEDSTUPP		.0	.0	•0	
RP 5.01;	EOITIETUE & GOOT	.0	.0	.0	.0	
RP 5.02:	PGGG SAPETY					

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BP 5.03: BURAL DEVELOPMENT 6 QUALITY OF PANILY LIVING .0 .0

SP 5.04; INSECTS APPROTING MAY & HIS OBLONGINGS .0 .0

BP 5.05: BESEARCH OF ADELYEISTRATION OF BESEARCH

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	- Dakin Jounghi	O. DOXESTIDI-	10000 10	P ** 1211			Lurnwhil		ъ.
Vace	PROGRAM SUMMARY								CI
		ARS	ess	PCS/\$B5	PS	OSDA Total	SABS	OTH COOP	PORBSTR: SCHOOLS
01:	PARE ADJOSTURET, PRIC	BS & INCOME 0.	.8	.0	.0	.8	. 6	.0	
02:	FORFIGH AGBICULTURAL		RIC DEVE	LOPKENT .0	.0	.0	. 2		.0
03:	PFEKELING E CONDELLITE	ON	.0						
	GEFERAL RESOURCE OR T.	-0	.0	.0	-0	.0	2.4	.0	-0
		4.	.0	.0	-0	.4	22.5	• 0	.0
01:	UNCLASSIFIED	.0	. 0	.0	-0	.0	.0	.0	1.0
TOT	AL	26.7	3. 1	.0	80.1	109.9	134.3	.0	42.1

(FEEEERA)

B V-B STATE SUBMABY OF SCIENTIST-YEARS FOR PT 1977

RESEARCE PROGRAM SUMBARY

RESEARCE	PROCERU SCHAPEA					
		185	BRS	PCS/SRS	75	USD1 TOTAL
RP 1.01:	SOIL & LIND USE	.0	-0	•0	•0	.0
RP 1.02;	TATER & FETERSTEROS	•0	.0	- 0	-0	-0
BP 1.03:	BECUBITION	.0	.0	-0	.0	.0
RP 1.0%;	BHTIROBNBUTAL QUALITY	-0	.0	-0	.0	.0
RP 1.05:	WEATURE HODIFICATION FOR	AGRICULTU	1401 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	STET -0	.0	.0
8P 1.06:	PISS & WILDLIPS	.0	.0	.0	.0	. 0
BP 2.01:	INTERTORY & APPRAISAL OF	FOREST SE	SOURCES	-0	9.0	9.0
BP 2.02:	TIMBER HAFAGEMENT	.0	.0	-0	.0	.0
8P 2.03:	POBRST PROTECTION	.0	.0	.0	3.9	3.9
BP 2.05:	FOREST WATERSHEDS, SOILS	, pollo7101		.0	8.2	8.2
RP 2.06:	POREST BLUGE WILDLIPE &				0.7	8.7
BP 2.07:	PORRET RECREATION & ARST				1.3	1.3
BP 2.08:	FILEBRATE GREE OF FFAD					
BP 3.01:	COSM	.0	.0	.0	.0	.0
BP 3.03:	HEBAT	.0	.0	.0	.0	.0
RP 3.09:	SHALL GRAINS OTHER THAN	.8 Febat	.0	.0	.0	.8
RP 3.08:	SUGAR	.2	•0	-0	.0	. 2
RP 3.09:	PORIGE, BINGE, & PASTURE	4.4	.0	.0	-0	4.4
RP 3, 13:	PRUIT	5.9	-0	.0	-0	5,9
RP 3.14:	VEGETIBLE CHOPS	.2	-0	-0	.0	. 2
BP 3.15:		.2	- 0	• 0	.0	-2
	PLINTS TO BUBLACE THE BY	.0	•0	-0	-0	-0
8P 3.161	BENS & OTHER POLLINATING	3.0	•0	.0	-0	3.0
RP 4.01:	BBEP	2.3	-0	.0	.0	2.3
BP 4.02;	DATRY	2.6	.0	.0	-0	2.6
BP 4.03:	POULTRY	.0	-0	.0	-0	.0
RP 4.04:	SHEBP	1.7	.0	.0	.0	1.7
BP 4.05:	SWINE	.0	-0	.0	.0	.0
RP 4.06:	OTHER ANIMALS (HORSES, GO)ATS, PBTS,	LABORAT 0.	ORY, BIC.)	-0	-0
8P 5.01:	ROTLIBLON 9 DOOS	.0	-0	.0	.0	.0
BP 5.02:	FOOD SAPETY	-9	.0	.0	-0	.9
89 5.03:	BOBAL DBYBLODMBNT 6 QUALI	184 TO PART 0.	.0 LIVIN	. O	.0	.0
™P 6.01;	PARH ADJUSTMENT, PRICES &	IFCOMB .0	.0	.0	.0	.0
03:	HABRETING & COMPETITION	.0	.0	•0	.0	.0
RP 7.01:	GEFERAL RESOURCE OR TECHN	. 8 101001	.0	٠0	.0	.8
BP 9.012	OFCLASSIPIED	.0	.0	.0	.0	.0
GRAND TOT	AL	22.9	.0	•0	31.0	53.9

77	(PRIMART)

			ARS	BBS	PCS/SRS	PS	USDA 107al	SARS	OTH CCOP INSTS	PORBSTRI SCHOOLS
86	1.01;	SOIL & LAND USB	4_4	-0	.0	.0	4.4	5.8	.0	
PP	1.02:	GITER & WATERSHEDS	3.9	.0	.0	.0	3.9	1.2	.0	-0
RP	1.04:	BRAINONHRHATT ÖLTTLA	1.0	.0	•0	.0	1.0	3.5	.0	-0
41	1.05:	REATHER HODIPICATION PO	R AGRICULTUI	88 6 PORE	STRY	.0	.0	. 3	.0	.0
RP	1.06:	PISH & WILDLIPB	.5	.0	.0	•0	.5	1.0	.0	_0
BĐ	1.07:	RENOTE SENSING	.0	.0	.0	.0	.0	. 4	.0	.0
66	2.01:	THYENTORY 6 APPRAISAL O	P POREST BES	SOURCES	.0	.0	.0	. 6	.0	.9
RĐ	2.02;	TIBBE MANAGEMENT	.0	.0	.0	5.0	5, 0	3, 1	.0	6.4
48	2.03:	POBBST PROTECTION	•0	.0	.0	.0	.0	1. 4	.0	1,5
65	2.04:	HARVESTING PROCESSING 6		P FOREST	PRODUCTS	2.6	2.6	3.9	.0	5.9
48	2.05:	PORRST WATERSHEDS, SOILS	s, pollution	.0	•0	5.9	5.9	. 2	.0	23.3
RP	2.06;	POSEST SANCE WILDLIFE 6	PISHBRIBS 0	ABITAT D	TUBNODAREST .0	.0	.0	•9	.0	1.8
8 Þ	2.07:	POREST RECREATION & ABST	THETICS & OT	H LANDSC	APE VALOUS					

20	2.01:	PHURNMONU & LOOPLESIA OR								
	2.01:	THYENTORY 6 APPRAISAL OF	LORRSI BE:		_	_				_
			-0	.0	.0	.0	.0	. 6	.0	. 9
20	2.02:	TIBBR BANAGBRENT								
		TEODOG DATAGODENI	.0	-0	.0	5.0	5,0	3, 1	.0	6.4
			• • •		• •					
P	2.03:	FORBST PROTECTION								
			-0	.0	.0	.0	-0	1.4	-0	1.5
25	2.09:	HARVESTING PROCESSING & M	10499746 6	10 BUDGET 1	DANUARE					
•		HERITAGIES PROCESSING & C.	.0	.0	.0	2.6	2.6	3.9	.0	5.9
				• -	••	****	•	3.,	••	
P	2.05:	PORRST WATERSHEDS, SOILS,	POLLUTION							
		• •	.0	.0	-0	5.9	5.9	. 2	.0	23.3
20	2,06;	PAGRET STUAR STIRTER & D.								
		POREST BANGE WILDLIFE 6 PI				4		•	.0	1.8
			-0	•0	.0	.0	.0	•9	.0	1.0
P	2.07:	POSEST BECREATION & ABSTHI	ETICS & OT	H LANDSCAP	R VALORS					
			,0		.0	1.0	1.0	.0	.0	4.2
_										
Р	2.08:	ALTERNATE USES OF LAND				_		_	_	
			.0	-0	.0	-0	.0	. 3	.0	1.1
P	2.09:	TECHINICAL ASSISTANCE								
	-		_	_	_		_	_	_	

8\$	2.04:	HARVESTING PROCESSING & MARKETING.O	G OF FORBST	PRODUCTS .0	2.6	2.0	3.9	.0	5.9
48	2.05:	PORRST WATERSHEDS, SOILS, POLLUT	.O HOIS	.0	5.9	5.9	. 2	.0	23.3
RP	2.06;	POREST BANGE WILDLIPE 6 PISHBRIE			347	3.7	••	••	
		.0	• 0	.0	.0	.0	• 9	.0	1.8
ВÞ	2.07:	POBEST BECREATION & ABSTHETICS &	OTH LANDSC	APE VALORS			.0	.0	4.2
		•0	.0	.0	1.0	1.0	•0	• 0	4.2
g g	2.08:	ALTERNATE USES OF LAND .0	-0	.0	.0	.0	.3	.0	1. 1
BP	2.09;	TECHINICAL ASSISTANCE	.0	.0	.0	.0	•0	.0	. 3
9	3.01:	coax	.0	.0	.0	.0	•2	.0	-0
₽₽	3.03:		, ,			• • •		•	
		9.7	-0	.0	.0	9.7	5.6	.0	.0
₽₽	3.04;	SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.4	2.5	.0	.0
P	3.06:	SOIBBLUS							
		.0	.0	.0	.0	.0	<u>.</u> 2	.0	.0

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P 4.06: OTHER ABINALS (SORSES, GOATS, PRTS, LABORATORY, ETC.)

P 5.03: BURNL DRYBLOPHERY & QUALTYY OF PARILY LIFTING
.5 .0

P 5.04: INSECTS APPECTING MAN 8 HIS BELOWGINGS 1.2 .0

P 3.08: SUGAR P 3.09: FORAGE, BANGE, & PASTORR

P 3.14: VEGETABLE CROPS

P 3.13; FRUIT

P 4-01: BESF

P 4-02: DAIRY

P 4-03: POOLTRY

P 4-04: SEREP

P 4.05: SVIDE

P 5-01: POOD & BUTRITION

P 5.02: FOOD SIFETT

P 3. 12: WEW CHOPS 6 MINOR GILSERDS

P 3.15: PLANTS TO RESERVE THE SEVINOVERNT .3

P 3-16: BBES & OTHER POLLIMATING INSECTS .0

	OF SCIENTIST-1	IRAKS POI	K #1 1977		,	PRI
PESEARCH PROGRAM SUMBART						
	ARS	2 NS	PCS/585	PS	TOTAL	
P 6.01: PARK ADJUSTERET, PRI	CRS 6 INCOME					
	-0	.0	-0	-0	.0	
P 6.02: POPRIGE AGRICULTURAL	TRADE & BCOROL	IC DEVE	THE NGO.			
	•8	.0	.0	-0	. 8	
P 6.03: MARKETING & COMPRESS	ZOB					
	3. 1	1.1	-0	-0	4-2	
P 7.01: GREERLL BESOURCE OF	TECHNOLOGY					
	3.1	.0	-0	.0	3.1	
RAND TOTAL	74.6	1.1	-0	14.7	90.4	

BESEARCH	PROGRAM SUMMARY								
		IBS	885	PCS/SRS	PS	USDA TOTAL	SABS	OTH COOP 188TS	FGB SC
BP 1.01:		.0	.0	-0	.0	1.0	.8	-0	
BP 1.02;		. 2	_0	.0	.0	1.2	2.5	.0	
BP 1.04;	BRAISOAUBHATT Önyrill	.0	.0	.0	•0	•0	2, 5	-0	
8P 1.05;	SPATERS SODIFICATION FOR AGRI	CULTUBB	E PORB	STRT .0	.0	.0	.7	-0	
BP 1.06;	PISH 6 WILDLIPE	. 0	.0	.0	.0	.0	.1	•0	
RP 2.01:	INVENTORY 6 APPEAISAL OF FORM			.0	.0	.0	1, 2	.0	
BP 2.02:	TIMBER BANAGEMENT	.0	-0	.0	•0	.0	.7	.0	
BP 2.03;	POREST PROTECTION								
RP 2.05:	POREST WATERSHEDS, SOILS, POL	.0 LUTION	-0	.0	.0	.0	.5	.0	
BP 2.06;	POREST BANGE WILDLIPE & FISHE	.0 NIBS B181	.0 ITAT DI	.0 Syrlopery	2.5	2.5	• 1	-0	
	POBEST RECERTION & ARSTHETIC	.0	-0	.0	3.0	3.0	.8	-0	
		.0	.0	.0	0	-0	. 5	-0	
_	•	. 0	.0	•0	.0	.0	. 2	•0	
RP 3.03:		.0	.0	.0	.0	.0	.7	.0	
BP 3.09:	SHALL GRAINS OTHER THAN WHEAT	. 0	.0	.0	.0	.0	.7	-0	
BP 3.08;	SUGAR	. 0	.0	.0	.0	, •0	1.1	.0	
BP 3.09:	PORIGE, RANGE, 6 PASTURE 3.	3	.0	.0	.0	3, 3	5.9	.0	
RP 3.13:	PROIT	0	-0	.0	.0	.0	. 2	.0	
BP 3.14:	PEGETABLE CROPS	0	.0	.0	.0	.0	1.1	.0	
BP 3.15;	PLANTS TO BURANCE THE BUYISONS	BFT 4	.0	.0	-0	.4	. 4	-0	
RP 3.16:	BBBS & OTHER POLLIMATING INSEC	15	.0	•0	.0	3.0	.0	.0	
RP 4.01;	BBEF		.0	.0	.0	.3		.0	
P 4.02:	DAIRY	3					6.4		
P 4.03:			.0	•0	.0	.0	1.4	•0	
P 4.04:	SABBP	0	.0	.0	.0	•0	.6	• 0	
		0 D##8 78	.0 B084*0:	.0	-0	.0	4.9	.0	
	FOOD & MOTRITION	0	.0	.0	.0	.0	.5	-0	
	•	0	.0	.0	.0	_0	1.2	-0	
	POOD SAFETT		-0	.0	.0	.0	•2	.0	
	EGRAL DRYSLOPHENT & QUALITY OF)	.d	.0	.0	-0	.6	.0	
	THE BETTS APPRETING HAS 8 HIS BE)	.0	.0	.0	.0	.3	.0	
6.01:	FARM ADJUSTMENT, PRICES & INCO.		.0	.0	-0	.0	.9	.0	
6.03:	HYBERLING & CONSESSION)	.0	.0	.0	.0	2. 1	.0	
7.01;	GENERAL RESOURCE OR TECHNOLOGY)	.0	.0	_0	.0	7.5	-0	
RAND TOTA	iL 9,	1	.0	.0	5.5	14.6	47-1	.0	

BP 1.01:	SOIL & Lind DSE	ABS	BRS	FCS/SBS	73	USDA TOTAL	SJ
BP 3.14:	VEGETABLE CROPS	-0	-0	.0	-0	.0	
BP 3.15:	PLINTS TO BUHLUCH THE B	O. THERMORIFE	• 0	•0	.0	.0	1
	BOBFF DEABFORMENT & COFF	. 0	-0	•0	-0	•0	
BP 6.03;	SARKETING & COMPETITION	.0	.0	-0	•0	• 0	
GRIND TOT	A 1.	.0	- 0	-0	.0	-0	
		-0	-0	•0	-0	•0	١.